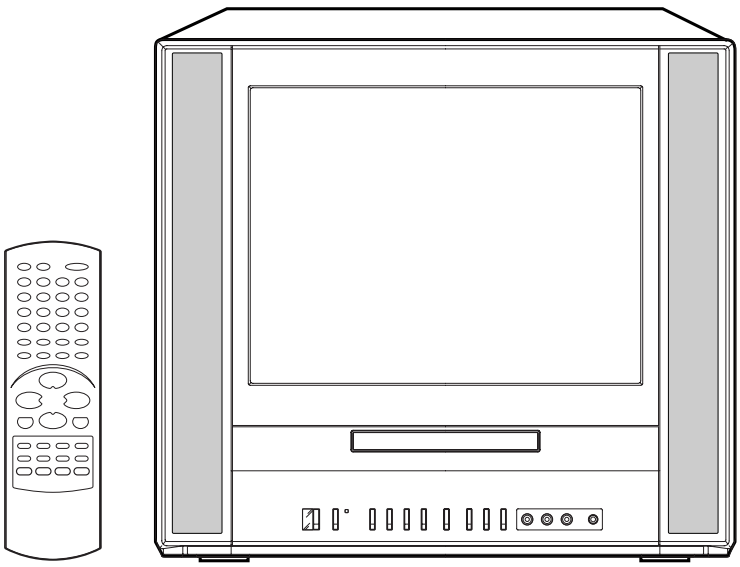
TOSHIBA

MODEL VTD1551 ***USER GUIDE***

Region 2 / ALL discs only



Combination 15” Flat TV and DVD Video Player TELETEXT

WARNING

To prevent fire or shock hazard, do not expose this equipment to rain or moisture.

MAINS SUPPLY

This unit is designed to operate from AC 230V~240V 50Hz household mains supply.

This unit is supplied with an approved 13 amp (BS 1363) fused mains plug. When replacing the fuse always use a 5 amp (BS 1362) approved type.
Never use this plug if the fuse cover is missing. To obtain a replacement fuse cover contact your store.
If the mains sockets in your home differ or are not suitable for the type of plug supplied, then the plug should be cut from the mains lead and a suitable type fitted.

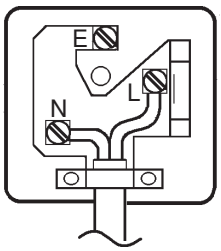
WARNING: If the mains plug is cut from the mains lead of this appliance the plug must be destroyed. A mains plug with bared wires is hazardous if engaged in a mains output line socket.

You must use a 13 amp plug (BS 1363) and fit a 5 amp fuse (BS 1362). If any other type of plug is used a 5 amp fuse must be fitted, either in the plug, adaptor or at the distribution board.

WIRING INSTRUCTIONS

The wires in the mains lead are coloured in accordance with the following code:

BLUE — NEUTRAL
BROWN — LIVE



As the colours of the wires in the mains lead of the appliance may not correspond to the coloured markings identifying the terminals in your plug, proceed as follows:
The wire which is coloured BLUE must be connected to the terminal which is marked with the letter N or coloured black.
The wire which is coloured BROWN must be connected to the terminal which is marked with the letter L or coloured red.
No connection is to be made to the Earth (E, ⏚) terminal.

CAUTION:
THIS UNIT IS A CLASS 1 LASER PRODUCT. HOWEVER THIS UNIT USES A VISIBLE LASER BEAM WHICH COULD CAUSE HAZARDOUS RADIATION EXPOSURE IF DIRECTED. BE SURE TO OPERATE THE PLAYER CORRECTLY AS INSTRUCTED.

THE FOLLOWING CAUTION LABEL IS LOCATED ON THE REAR PANEL OF THE UNIT.

WHEN THIS UNIT IS PLUGGED INTO THE WALL OUTLET, DO NOT PLACE YOUR EYES CLOSE TO THE OPENING OF THE DISC TRAY AND OTHER OPENINGS TO LOOK INTO THE INSIDE OF THIS UNIT.

USE OF CONTROLS OR ADJUSTMENTS OR PERFORMANCE OF PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

DO NOT OPEN COVERS AND DO NOT REPAIR YOURSELF. REFER SERVICING TO QUALIFIED PERSONNEL.

NOTES ON MOISTURE CONDENSATION

Moisture condensation damages the unit. Please read the following carefully.

Moisture condensation occurs, for example, when you pour a cold drink into a glass on a warm day. Drops of water form on the outside of the glass. In the same way, moisture may condense on the head drum or the optical pick-up lens inside this unit, one of the most crucial internal parts of the unit.

■ **Moisture condensation occurs during the following cases.**
- When you bring the unit directly from a cold place to a warm place.
- When you use the unit in a room where you just turned on the heater, or a place where the cold wind from the air conditioner directly hits the unit.
- In summer, when you use the unit in a hot and humid place just after you move the unit from an air conditioned room.
- When you use the unit in a humid place.

■ **Do not use the unit when moisture condensation may occur.**
If you use the unit in such a situation, it may damage discs and internal parts. Remove the disc, connect the power cord of the unit to the wall outlet, turn on the unit, and leave it for two or three hours. After two or three hours, the unit will have warmed up and evaporated any moisture. Keep the unit connected to the wall outlet and moisture condensation will seldom occur.

SOME DOS AND DON'TS ON THE SAFE USE OF EQUIPMENT

This equipment has been designed and manufactured to meet international safety standards but, like any electrical equipment, care must be taken if you are to obtain the best results and safety is to be assured. So, please read the points below for your own safety.

****

DO read the operating instructions before you attempt to use the equipment.
DO ensure that all electrical connections (including the mains plug, extension leads and inter-connections between the pieces of equipment) are properly made and in accordance with the manufacturer's instructions. Switch off and withdraw the mains plug before making or changing connections.
DO consult your dealer if you are ever in doubt about the installation, operation or safety of your equipment.
DO be careful with glass panels or doors on equipment.

****

DON'T remove any fixed cover as this may expose dangerous voltages.
DON'T obstruct the ventilation openings of the equipment with items such as newspapers, tablecloths, curtains, etc. Overheating will cause damage and shorten the life of the equipment.
DON'T allow electrical equipment to be exposed to dripping or splashing, or objects filled with liquids, such as vases, to be placed on the equipment.
DON'T place hot objects or naked flame sources such as lighted candles or nightlights on, or close to equipment. High temperatures can melt plastic and lead to fires.
DON'T use makeshift stands.
DON'T listen to headphones at high volume, as such use can permanently damage your hearing.
DON'T leave equipment switched on when it is unattended unless it is specifically stated that it is designed for unattended operation or has a stand-by mode. Switch off using the switch on the equipment and make sure that your family know how to do this. Special arrangements may need to be made for infirm or handicapped people.
DON'T continue to operate the equipment if you are in any doubt about it working normally, or if it is damaged in any way -switch off, withdraw the mains plug and consult your dealer.

ABOVE ALL
---NEVER let anyone especially children push anything into holes, slots or any other opening in the case - this could result in a fatal electrical shock;
---NEVER guess or take chances with electrical equipment of any kind
---it is better to be safe than sorry!

****

FEATURES

TV
- Auto Set up (Channel)
- Auto Channel Memory
- TELETEXT Function
- On-Screen Programming
- Picture Control Adjustments
- Auto Power Shut Off

DVD Player
- Digital Audio Jack (Coaxial)
- Multi-Language
- Multi-Angle
- Repeat Playback
- Memory/Random Playback
- Zoom
- Video Aspect Ratio
- Parental Control
- Digital output for Dolby Digital (AC-3) and DTS
- Playback of DVD, Video-CD, SVCD, Audio-CD and MP3/WMA/JPEG-CD
- PAL & NTSC DVDs playback
- A-B Repeat playback

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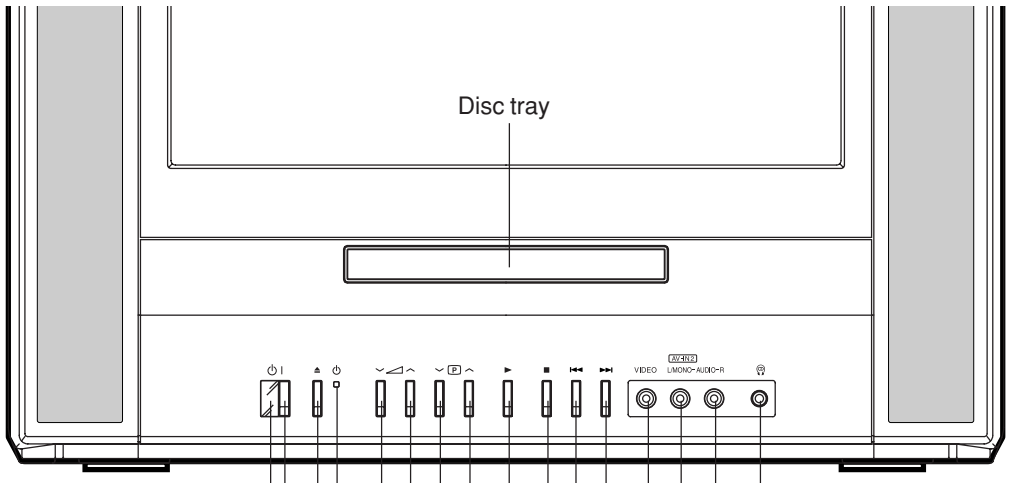
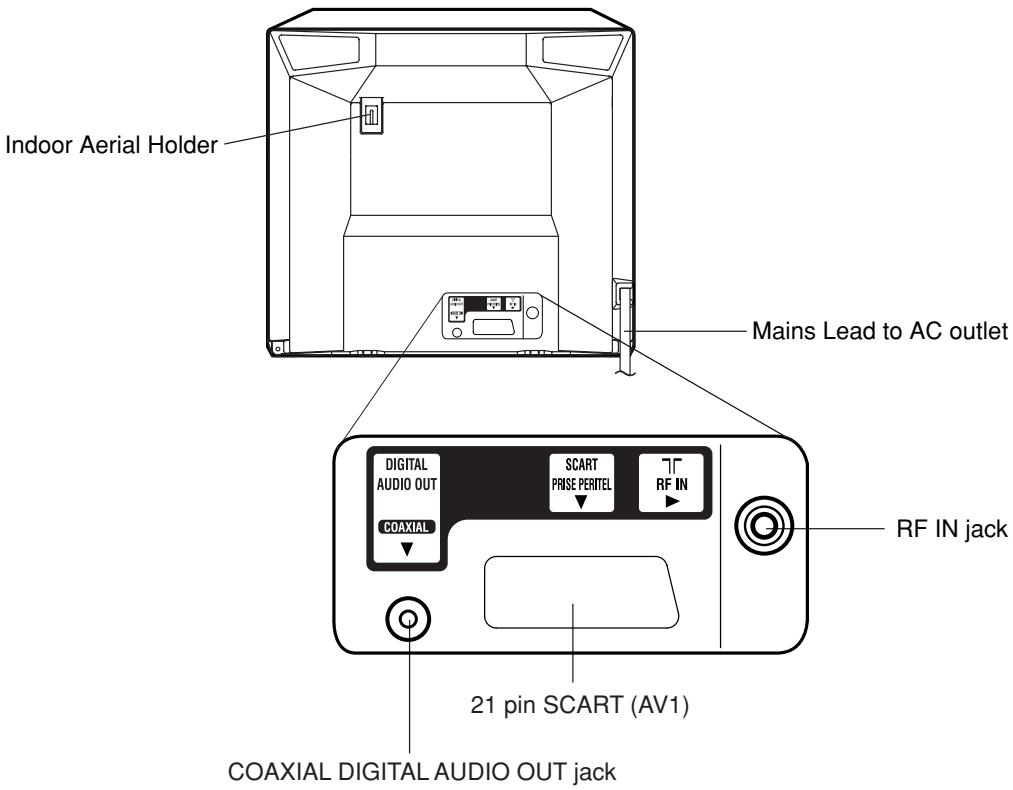
* Manufactured under license from Dolby Laboratories. “Dolby” and the double-D symbol are trademarks of Dolby Laboratories.
* “DTS” and “DTS Digital Out” are trademarks of Digital Theater Systems, Inc.

Front

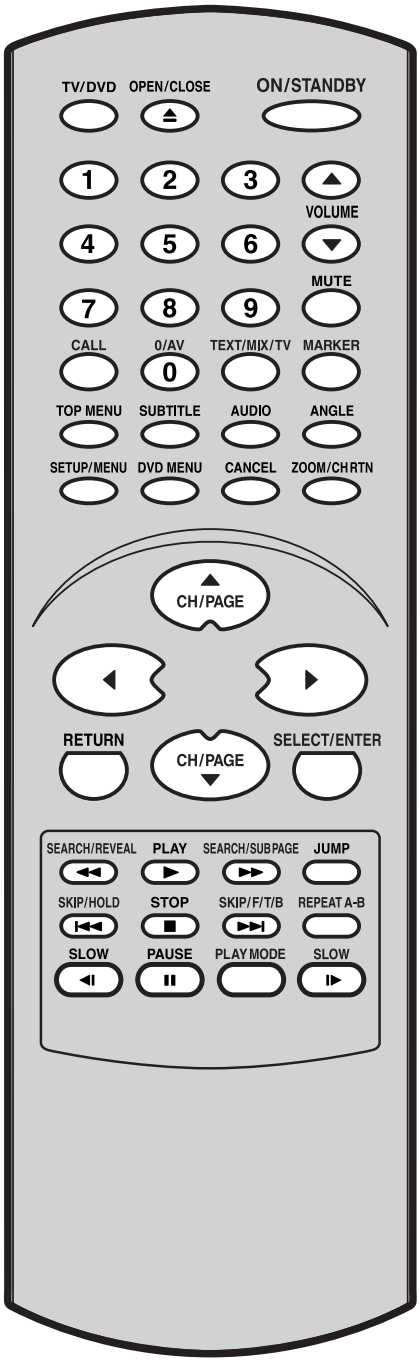


Remote sensor
Main Power Switch
OPEN/CLOSE button
STANDBY Indicator
VOLUME ∧/∨ buttons
CHANNEL ∧/∨ buttons
PLAY button
STOP button
REV (Reverse) SKIP button
FWD SKIP button
Phones socket
VIDEO/AUDIO IN (L/R) jacks (AV2)

Rear



REMOTE CONTROL



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	Enter a security code	36,37
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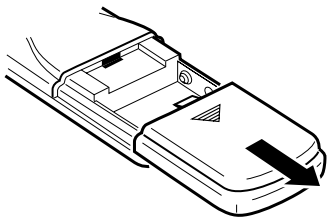
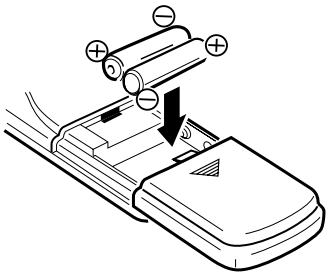
BATTERY INSTALLATION

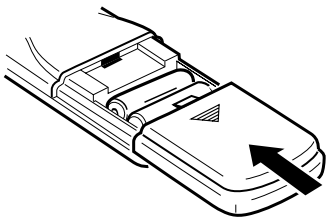
1 Slide the battery compartment cover in the direction of the arrow.



2 Install two “AAA/R03/UM-4” (penlight size) batteries, paying attention to the polarity diagram in the battery compartment.



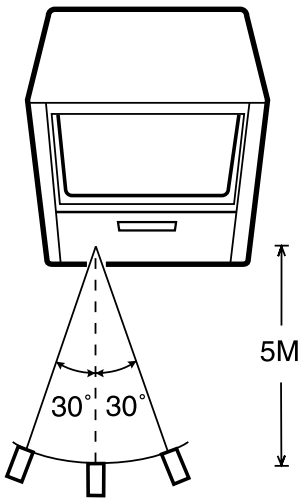
3 Replace the cover.



BATTERY CAUTIONS

- Use two “AAA/R03/UM-4” size batteries for the remote control transmitter.
- The batteries may last approximately one year depending on how much the remote control is used. For best performance it is recommended batteries be replaced on a yearly basis, or when remote operation becomes erratic.
- Do not mix old and new batteries.
- Weak batteries can leak and severely damage the remote control transmitter. Always remove batteries as soon as they become weak.
- Dispose of batteries in a designated disposal area.
  Do not throw batteries into a fire.

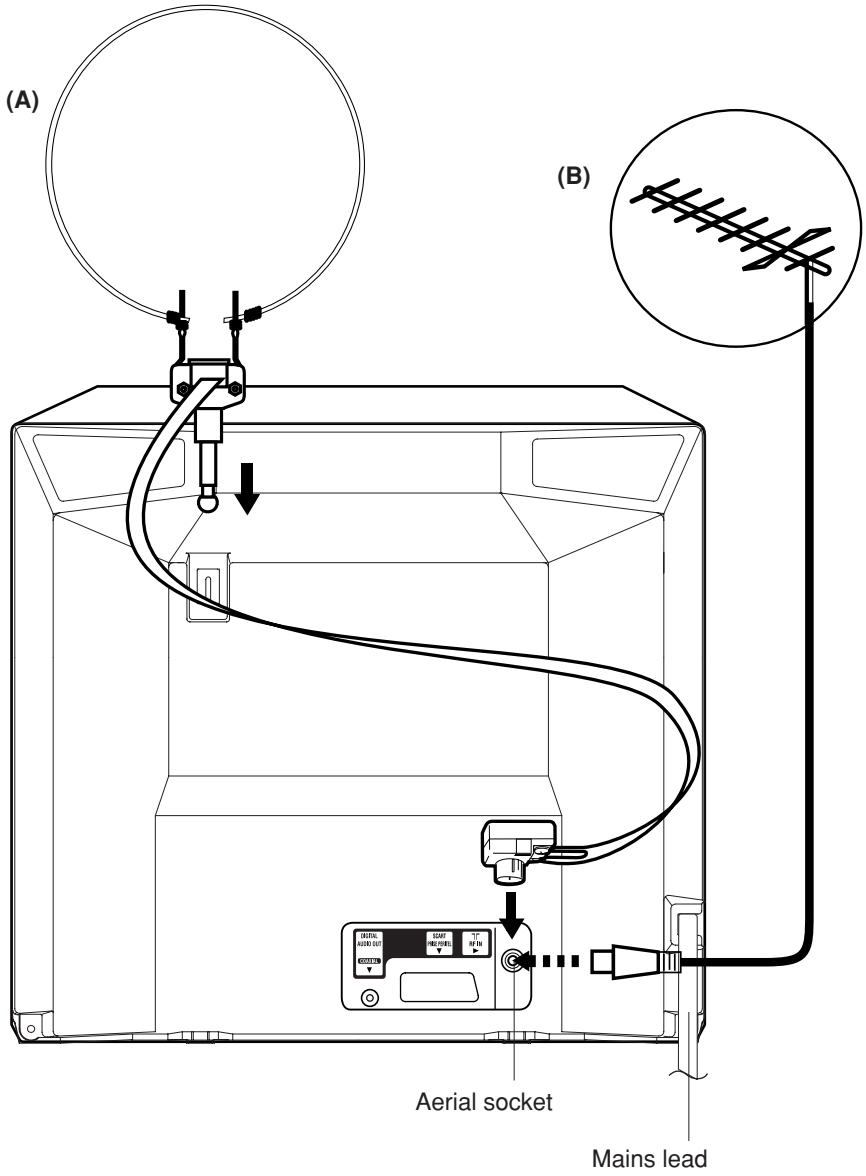
EFFECTIVE DISTANCE OF THE REMOTE CONTROL TRANSMITTER



NOTES:
- When direct sunlight, an incandescent lamp, fluorescent lamp or any other strong light shines on the remote sensor, the remote operation may be unstable.
- When there is an obstacle between the unit and the transmitter, the remote control transmitter may not operate.

AERIAL CONNECTIONS

Connect an indoor or outdoor aerial to the aerial socket at the rear panel as shown below.
For all aerial circuit problems, please consult your local dealer.



(A) INDOOR AERIAL

A loop aerial is supplied with the unit. Insert the aerial holder into the mounting hole on the back cabinet until it locks into place. Insert the aerial adaptor (supplied) to the aerial socket. Adjust the angle of the loop aerial to receive the best possible picture.

(B) EXTERNAL AERIAL

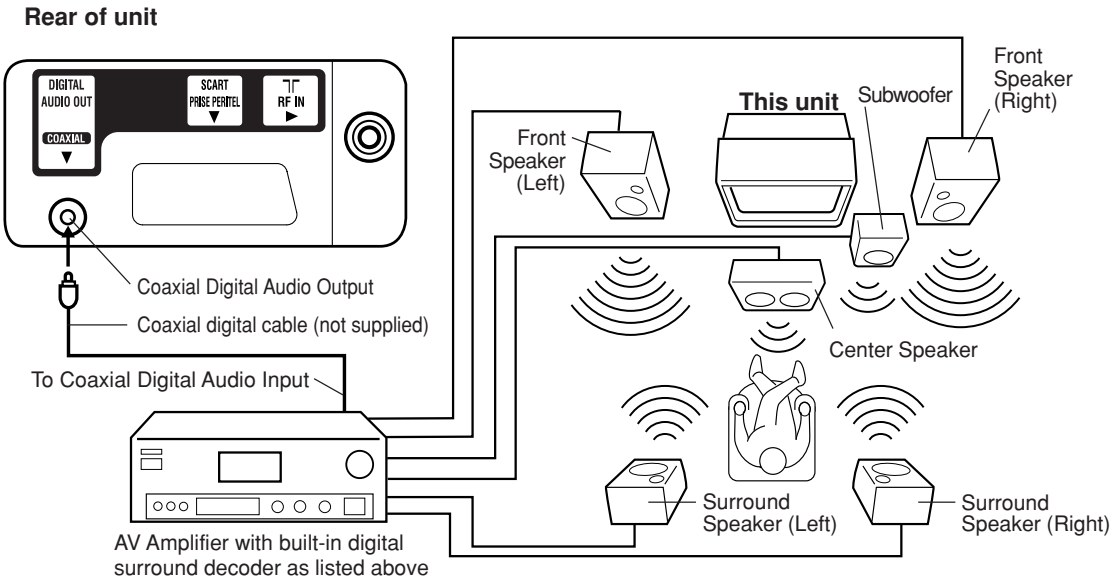
The type of aerial required depends on the position of your home, it's distance from the transmitter and local interference. If you do not have an aerial and you are uncertain of what to buy, you should seek the advice of a local aerial contractor.

CONNECTION TO OTHER EQUIPMENT

The exact arrangement you use to interconnect various video and audio components to the unit is dependent on the model and features of each component. Check the Owner's Manual provided with each component for the location of video and audio inputs and outputs.

Using an AV Amplifier with built-in digital surround

If you are using an Amplifier with a built-in digital surround sound decoder (such as Dolby Digital / DTS / MPEG / etc.), you can connect it as shown below.



* Manufactured under license from Dolby Laboratories. “Dolby” and the double-D symbol are trademarks of Dolby Laboratories. Confidential unpublished works.
* DTS and DTS Digital Out are trademarks of Digital Theatre Systems, Inc.

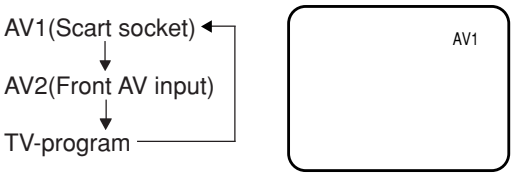
NOTES:

- When you make the connections above, make sure that the power of all units is switched off at the mains.
- Some DTS decoders which do not support DVD-DTS interface may not work properly with the unit.
- When playing DTS encoded material, the sound will only be available through the Digital Audio Output Socket.

Input Selection

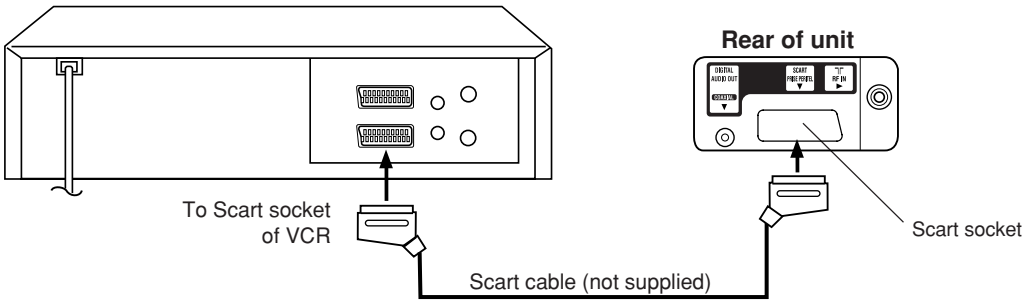
If you connect the unit to a VCR, camcorder or games console, you can select this input by pressing the **0**/**AV** button.

Press the **TV**/**DVD** button to select TV mode and then press the **0**/**AV** button repeatedly to select AV1 or AV2.



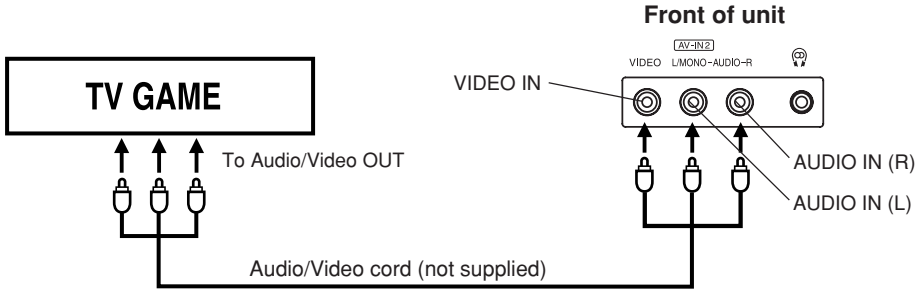
1. To connect the unit to a VCR

Press the **0**/**AV** button to select AV1 to use the TV as a monitor.



2. To connect the unit to a TV Game

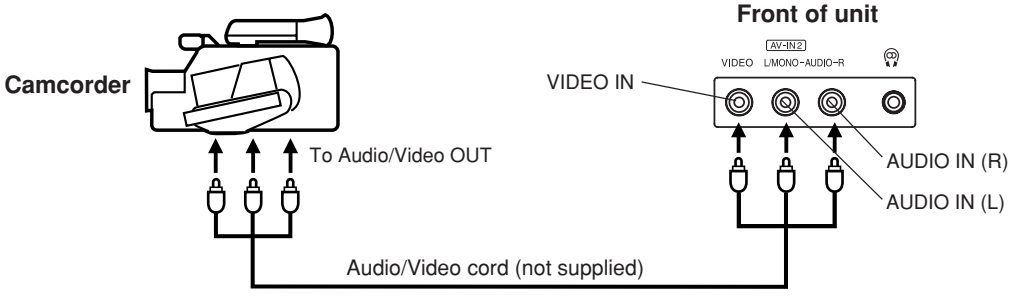
The unit can also be used as a display device for many video games. However, due to the wide variety of different types of signal generated by these devices and subsequent hook-up variations required, they have not all been included in the suggested connection diagrams. Press the **0**/**AV** button to select AV2 to use the TV as a monitor. You'll need to consult each component's Owner's Manual for additional information.



3. To connect the unit to a camcorder

Connect the camcorder to the unit as shown.

Press the **0**/**AV** button to select AV2 to use the TV as a monitor.



4. To connect the unit to another TV set (ie. a widescreen set) (see P.34)

Connect the unit and another TV set with a Scart cable.

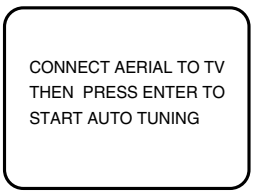
Press the AV button on another TV to monitor the input from the Scart cable.

AUTOMATIC TUNING SYSTEM

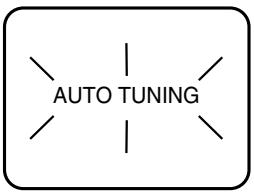
Your television has an Automatic Tuning System which makes tuning in your television easy. This Automatic tuning System scans the entire reception range in your area and automatically stores all available channels of suitable signal strength in the correct order e.g. BBC1 will tune into channel 1, BBC2 will tune into channel 2, etc.

ONLY WHEN YOU TURN ON THIS UNIT FOR THE FIRST TIME, THE AUTOMATIC TUNING PROCESS WILL BE AVAILABLE.

1 Press the Main POWER (⏻I) switch on the unit.
Then press **ON/STANDBY** on the remote control.



2 Press **ENTER**.
Your unit will now automatically tune in all available channels.

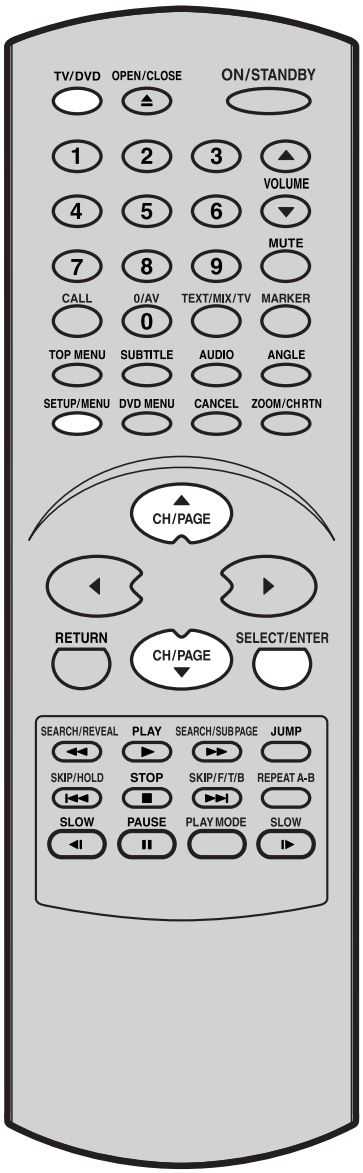


When the programme on the screen stops changing and the sound comes on, the tuning process is complete.

NOTE: If you use the supplied loop aerial, weak channels may not be stored automatically.
You will need to tune these manually.

PRESETTING THE CHANNELS

Once you have connected up this unit, you will need to tune in the channels in order to watch TV stations. There are two ways that you can do this:



NOTES:
- If you want to skip any channels, refer to page 14.
- When the unit is in the AV mode, you can't preset the channels.

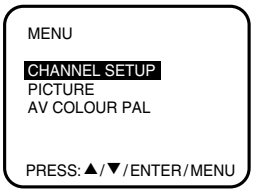
- Automatic tuning The stations will be preset in the order that they appear when the automatic tuning is activated.

- Manual tuning In this mode the TV searches until a picture appears. If it is a station that you want to keep, you can choose which channel preset you want to store it on. You repeat this procedure for each station until you have stored all the desired stations.

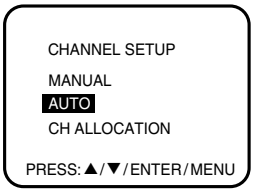
AUTOMATIC TUNING

1 Press **TV/DVD** to select TV mode.

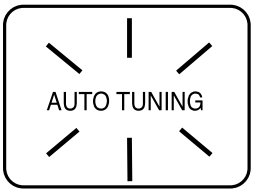
2 Press **MENU**.
Press ▲ or ▼ to select the CHANNEL SETUP mode, then press **ENTER**.



3 Press ▲ or ▼ to select the AUTO mode, then press **ENTER**.

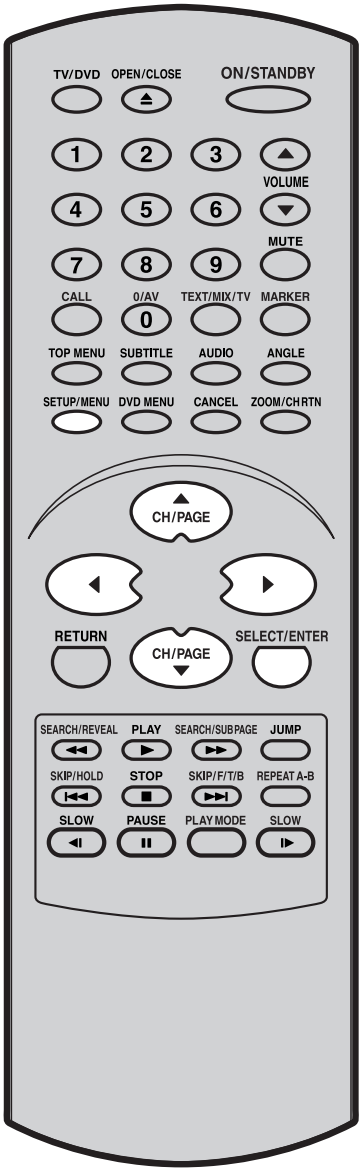


4 All available channels in your area are automatically scanned and stored in the memory of the unit. When the programme on the screen stops changing and the sound comes on, the tuning process is complete.



5 Press **MENU** twice.
The unit will return to normal TV screen.

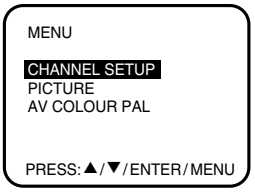
- The automatic tuning will not necessarily store the channels in the correct order (BBC1 on CH 1 etc.). If you want to change the order of the stored channels, please see page 12.



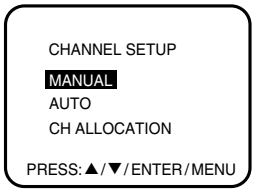
MANUAL TUNING

How to tune a station to channel 10 position.

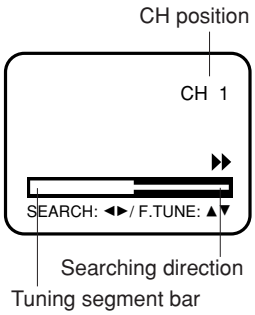
1 Press **MENU**.
Press ▲ or ▼ to select the CHANNEL SETUP mode, then press **ENTER**.



2 Press ▲ or ▼ to select the MANUAL mode, then press **ENTER**.



3 Press ◀ or ▶ until the picture appears on screen. If this is not your desired channel, press ◀ or ▶ until your desired channel appears.
If you need to make the picture clearer, use ▲ or ▼ (FINE TUNING).
Then press **ENTER**.

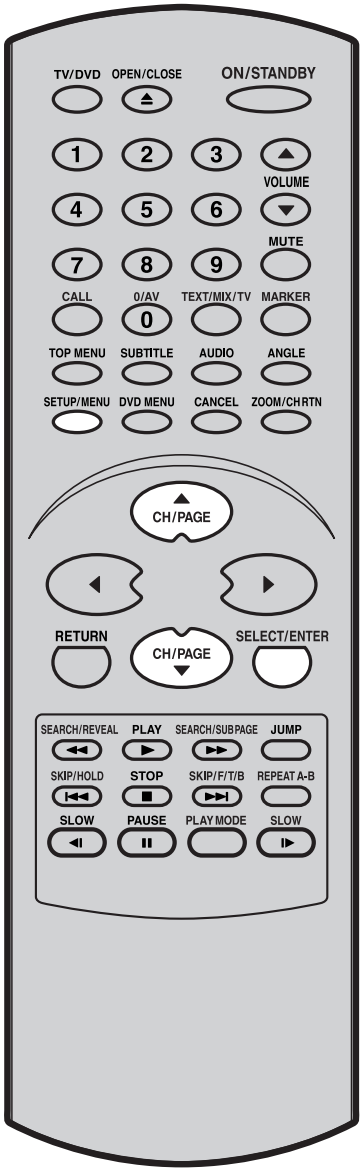


4 Press ▲ or ▼ to select channel position No.10, then press **ENTER**.

5 Repeat steps 3 through 4 until all the required channels have been stored.

6 When all desired channels have been set in your required position, press **MENU** three times to return to normal TV screen.

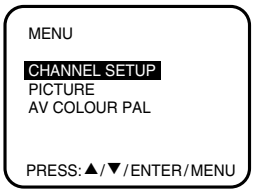
PRESETTING THE CHANNELS



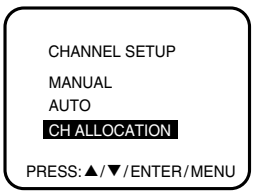
TO CHANGE THE CHANNELS

EXAMPLE: Changing of channel position from CH2 and CH5.

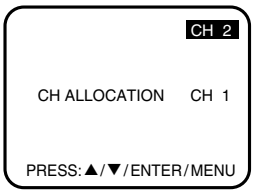
1 Press **MENU**.
Press ▲ or ▼ to select the CHANNEL SETUP mode, then press **ENTER**.



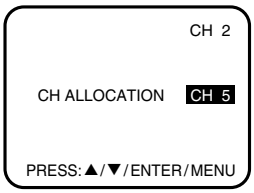
2 Press ▲ or ▼ to select the CH ALLOCATION mode, then press **ENTER**.



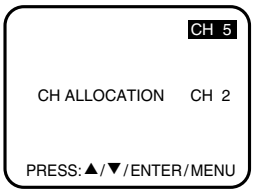
3 Press ▲ or ▼ to select the channel position No. (broadcasting) which you want to change. Then press **ENTER**.



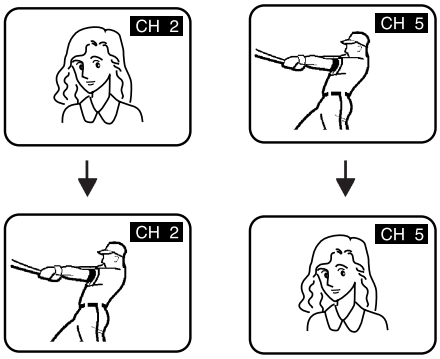
4 Press ▲ or ▼ to select the channel allocation No. that you want to change to.



5 Press **ENTER**. The numbers of the stations are changed. Repeat steps 3 - 4 to change the order of other channels. Then press **MENU** three times to return to normal TV screen.

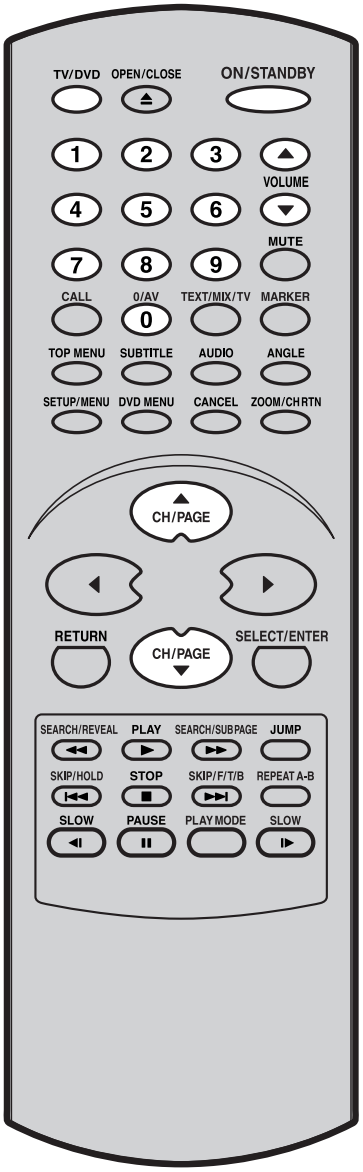


Before setting



After setting

After completing the connection and presetting the channels, follow these steps for viewing.



NOTE:
On screen display will disappear after 4 seconds.

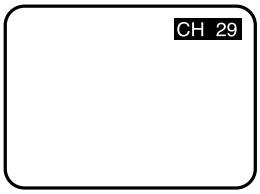
Automatic Power Shut Off
If a station being viewed stops broadcasting for about 15 minutes, the unit will automatically shut itself off and go into standby mode.

1 Press Power (⏻ I) on the front panel of the unit. Then press **ON/STANDBY** on the remote control (STANDBY indication will goes off). Press **TV/DVD** to select TV mode.

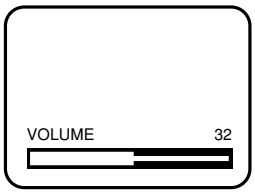
2 **Direct Channel Selection buttons (0-9)**
Press the Direct Channel Selection buttons on the remote control.

1-9 CH: Press your required number only.
10-80 CH: Press the two digits in accordance to the channel numbers required.

CH ▲ / ▼
Press **CH ▲** or **▼** on the remote control.

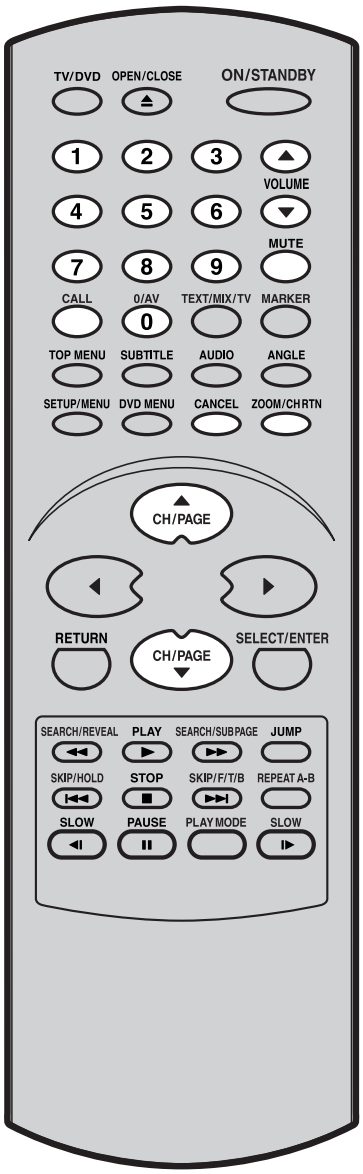


3 The VOLUME can be adjusted by pressing the **VOLUME ▲** or **▼** on the remote control.



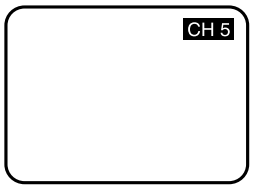
CONVENIENT FUNCTIONS

The following functions are available from the remote control handset only.



TV/AV Selection

For receiving the desired signal:
Press **0**/**AV** to select the TV or AV mode.



TV position - to view a normal TV.

AV position - to receive through the direct Video input. AV1 (from 21 pin SCART socket on the rear) or AV2 (from Audio/Video in jacks on the front) indicator appears on the screen in AV mode.

CHANNEL RETURN

This button allows you to go back to the previous channel by pressing **CH RTN**. Press this button again to return to the channel you were watching.

CALL

When you press this button once, the channel number will appear. Press this button again, then the display will disappear.

MUTE

When **MUTE** is pressed, the TV sound will be turned off completely. To disable this function, press the button again or **VOLUME** ▲ or ▼.

SKIP FUNCTION

After all channels available in your area have been set in memory, you can skip unwanted channels as follows.

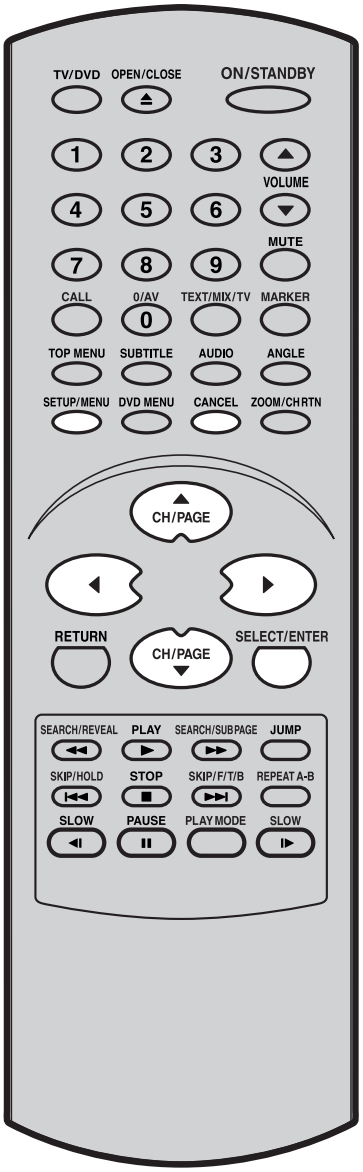
1 Press **CH** ▲ or ▼ to select the channel which you want to skip.

2 Press **CANCEL**.
When a channel is skipped, the channel number will blink.

3 Skip all unwanted channels the same way following steps 1-2.

NOTE:
To cancel the SKIP function, press **Direct Channel Selection buttons (0-9)** to select the channel which you want to cancel, then press **CANCEL** again.

The picture settings have been adjusted at the factory under optimum signal reception conditions. However, you can adjust for BRIGHTNESS, CONTRAST, COLOUR and SHARPNESS to your preference.



NOTES:
- The picture settings can only be adjusted when they are displayed on screen.
- Pressing **CANCEL** will return all adjustments to their factory preadjusted levels. This function is available in adjusting picture mode.
- TINT will appear only when the NTSC Colour System is selected in playback mode.

1 Press **MENU**.

2 Press ▲ or ▼ to select the PICTURE mode, then press **ENTER**.

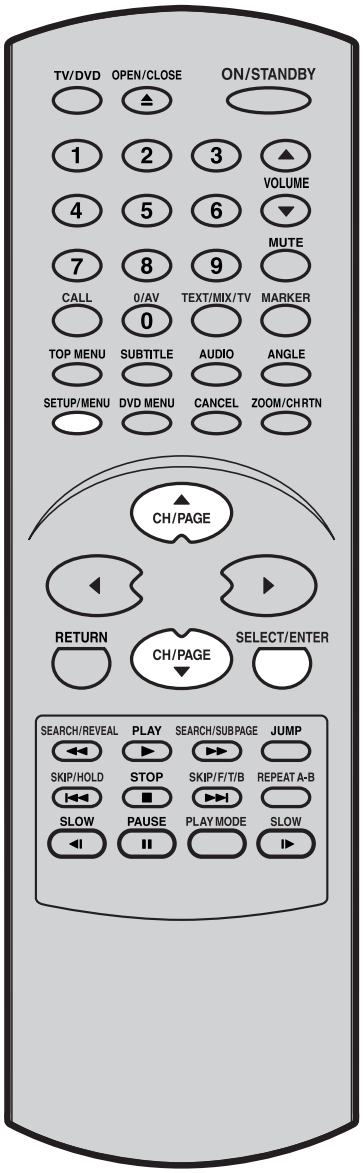
3 To adjust the BRIGHTNESS, press ◀ or ▶, then press ▲.

NOTE: Each time ▲ is pressed, the on screen display will change as shown below.

Press **MENU** twice to return to normal TV screen.

AV COLOUR ADJUSTING

When connecting external equipment to the unit, the picture may become black and white. This can be corrected by selecting AV (Extension) Colour as follows.



1 Press **MENU** on your remote control. The on screen display will appear.
Press ▲ or ▼ to select the AV COLOUR menu.

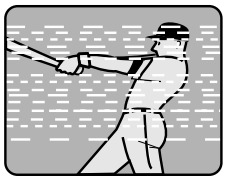
2 Press **ENTER** to select one of the colour options, PAL or NTSC4.43.

• Usually select the PAL option.

3 Press **MENU** to remove the menu from the screen.

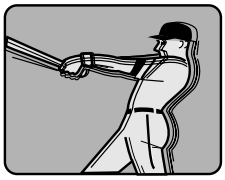
RECEPTION OF INTERFERENCE

The most common types of television interference are as follows.



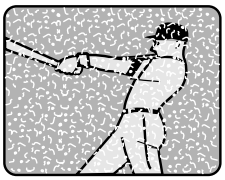
IGNITION

IGNITION
Black spots and horizontal streaks may appear, the picture may flutter or drift. This is usually caused by interference from car ignition system, neon lamps, electric drills or other electrical appliances.



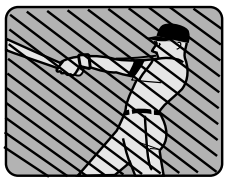
GHOSTING

GHOSTING
Ghosting is caused by the TV signal following two paths. One is the direct path and the other is reflected from tall buildings, hills or similar obstruction. Changing the direction and/or position of the aerial may improve reception.



SNOW

SNOW
If your TV is located on the fringe area of a TV station, where the signal is weak, your picture may be affected by the appearance of small dots (SNOW). It may be necessary to install a stronger aerial to improve the picture.



RADIO FREQUENCY INTERFERENCE

RADIO FREQUENCY INTERFERENCE
This kind of interference produces moving ripples or diagonal streaks and in some cases loss of contrast in the picture.

TELETEXT

Most broadcasters offer a Teletext service in addition to their standard TV program.
Teletext offers news, weather forecast, winning Lotto numbers, TV listings and other interesting news.
The text is received page by page, as soon as you select the broadcasting station. A single page can be displayed on the screen. The pages are numbered and broadcasted one by one. Therefore you'll have to wait a certain time until the selected page is displayed on the screen. The page will be displayed as soon as it is broadcast.
Certain pages can be displayed more easily by pressing one of the four coloured **TELETEXT** buttons.

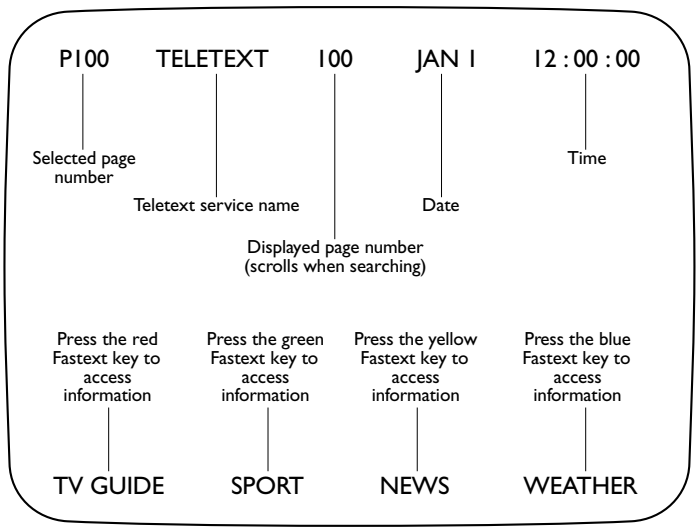
Basic operation

1 Select the broadcasting station, whose text you want to read. In order to do so, select the station's channel with the remote handset.

2 Push **TEXT**/**MIX**/**TV** button.
The first push on the **TEXT**/**MIX**/**TV** button switches the Teletext on.
The second push on **TEXT**/**MIX**/**TV** displays the TV program and the Teletext together (MIX).
The third push on the **TEXT**/**MIX**/**TV** button switches the Teletext off and returns the screen back to the TV program.

The first operation of the teletext normally opens the page 100 with the table of contents.

Example for a teletext page:



Select the desired teletext page from the broadcasting station's table of contents.

HOLD

Some pages hold more text than can be displayed on one page. The broadcasting station separates these pages into sub-pages, which are broadcasted one by one automatically. To study one sub-page thoroughly push the **HOLD** button. The HOLD-symbol will be displayed.
The associated sub-pages will scroll through automatically, when you push **HOLD** a second time to release it.

To call a teletext page

Leaf through the pages with the **PAGE (▲/▼) -** button (forward or backward).
NOTE: You will not necessarily find a page for every page number you enter. E.g. you have entered page no. 116 but it does not offer this page. Available page numbers can be found on the Index page (most stations offer this page 100).

Enter the three-digit page number with the number buttons.
Example:
You want to display page 300.
Enter: 3 then 0 and 0.
If you enter an incorrect digit, complete all three digits with any numbers, then you can enter the correct page number.

Inside the teletext mode you cannot change to another broadcasting station.
To switch to another channel, leave the teletext mode by pressing the **TEXT**/**MIX**/**TV** button.

How to call a specific sub-page

Push **SUB PAGE** button (0000).

The screen's upper left corner will display: **– – – –**

To call sub-page 2 enter: **0 0 0 2** .
Your input will be displayed in the upper left corner: **0002**.

It may take some time until sub-page 2 is broadcast.
The sub-page can only be displayed when the broadcaster transmits it.

To leave sub-page mode push the SUB PAGE button again.

Within the sub-page mode no other pages other than the sub-pages of the selected page can be called. To call other teletext pages you must leave the sub-page mode.

Magnifying

To magnify the letters push **F**/**T**/**B** button.

You can magnify either the upper or the lower half of the screen.

Each push on the **F**/**T**/**B** button switches between the screen's upper and lower half and the full screen.
(F/T/B = Full / Top / Bottom)

REVEAL

Pushing **REVEAL** will give you the hidden answers to the questions on a Quiz-page.

Not every broadcasting station offers Quiz-pages and they are not constantly offered.

DISC

The region number of this unit is 2. If region numbers, which stand for their playable area, are printed on your DVD video disc and you do not find (2) or (ALL), disc playback will not be allowed by the player. (In this case, the unit will display a message on-screen.)

Playable Discs

The loaded Disc (DVD, Video-CD, Audio-CD, SVCD and MP3/WMA/JPEG-CD) will be recognized automatically.
The suitable Disc-formats are: DVD, DVD-R/RW (Video format only), CD-R and CD-RW.
Some CD-R/RW and DVD-R/RW discs may be incompatible.

Do not play DVD-ROM, DVD-Audio, CDV, CD-G or Photo CD to prevent accidental erasure of prerecorded material.

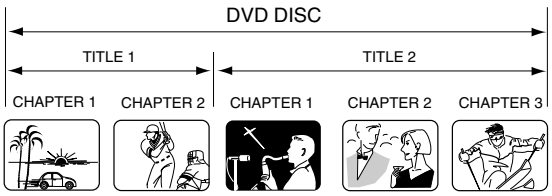
Some DVDs are copy protected and forbid dubbing on to video tape. Picture Distortion will occur. This is not a defect of this unit.

Title

When two or more movies are recorded on a disc, the disc is divided into two or more sections. Each section is called a “TITLE”.

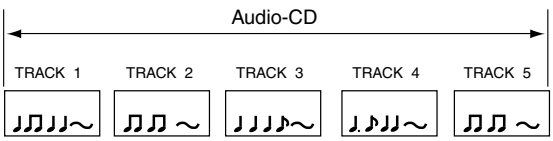
Chapter

The titles can be subdivided into many sections. Each section is called a “CHAPTER”.



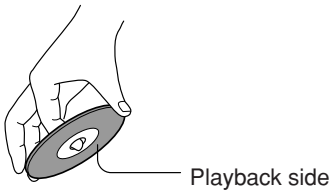
Track

An Audio CD can contain several items.
These are assigned to tracks.



On handling Disc

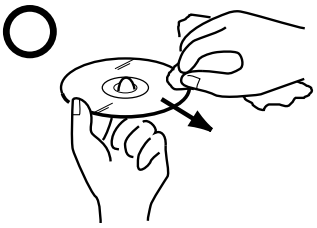
- Do not touch the playback side of the disc.
- Do not attach paper or tape to discs.



Removing Disc from Case

Be sure to hold the edge of disc. Do not touch the surface of the disc.
Pick up the disc gently from the case.

- Do not scratch the disc.
- Do not get dirt on the surface of the disc.
- Do not stick a label or adhesive tape on the disc.
- Do not drop or bend the disc.



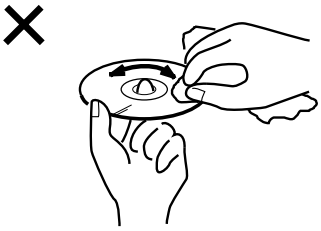
Storing Disc

- Store the disc in the case to avoid risk of scratches, dirt or damage.
- Do not leave disc exposed to direct sunlight or in hot or humid places.

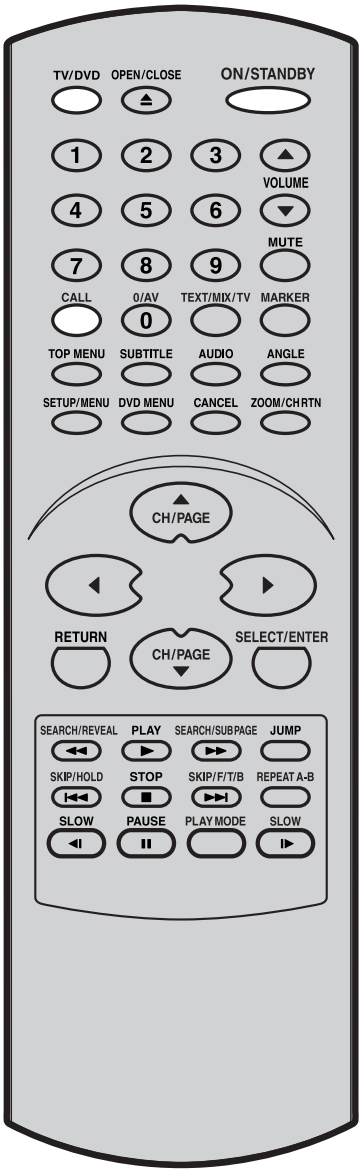
Cleaning Disc

Fingerprints and dust on the disc cause picture and sound deterioration. Wipe the disc from the center outwards with a soft cloth. Always keep the disc clean.

- If you cannot wipe off the dust with a soft cloth, wipe the disc lightly with a slightly moistened soft cloth and finish with a dry cloth.
- Do not use any type of solvent such as thinner, benzine, commercially available cleaners or antistatic spray for vinyl LPs. It may damage the disc.



The following pages describe the setup/operation in DVD mode.



NOTE:
If the unit does not operate properly: Static electricity can adversely affect the operation of this player. Sometimes this can be remedied by unplugging the unit for a short time, then reconnecting it.

Preparation

Before DVD/CD operation, please make preparations as follows.

1 Insert the AC cord plug into a standard 230V~240V 50Hz AC outlet.
- If the AC cord plug is plugged in for the first time, wait for about 5 seconds before pressing Power (⏻I) button on the front.

NOTE: When connecting to other equipment, unplug the unit from the AC outlet.

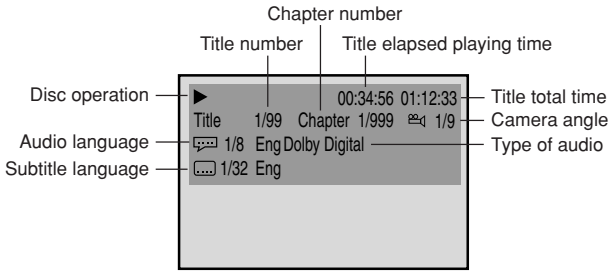
2 Press **ON/STANDBY** on the remote control to turn on the unit.
- Every time you press **ON/STANDBY**, the unit starts from TV mode.
- When using an amplifier, switch on the amplifier.

3 Press **TV/DVD** to select DVD mode.
The DVD startup screen will appear on the screen.

Status display of disc

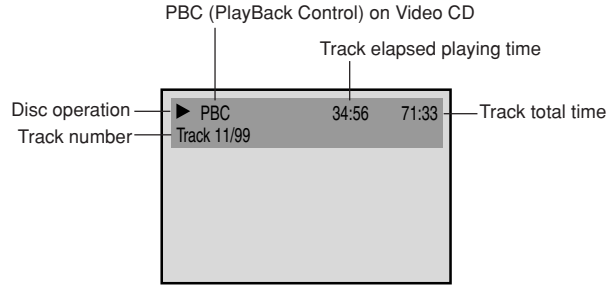
Press **CALL**. The status display of the disc will appear on the screen.

DVD



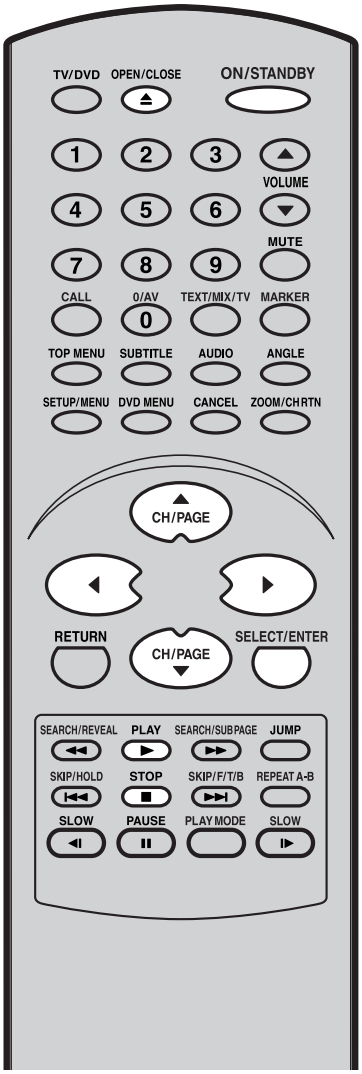
To make status display disappear, press **CALL** again.

Audio CD/Video CD



- When you play the CD disc, the status display will appear on the screen and continue displaying.

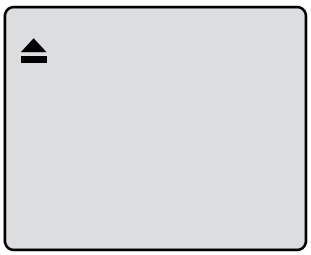
PLAYBACK PROCEDURE



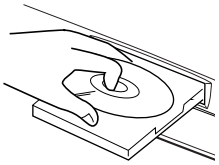
NOTES:

- If a non-compatible disc is loaded, "Incorrect Disc", "Region Code Error" or "Parental Error" will appear on the TV screen according to the type of loaded disc. If these appear, check your disc again (see pages 20 and 36).
- Some discs may take a minute or so to start playback.
- When you set a single-faced disc label downwards (ie. the wrong way up) and press ▶ **(PLAY)** or ⏏ **(OPEN/CLOSE)** on the unit, "Reading" will appear on the display for approx. 30 seconds and then "Incorrect Disc" will be displayed.
- Some playback operations of DVDs may be intentionally fixed by software producers. Since this unit plays DVDs according to the disc contents the software producers designed, some playback features may not be available. Also refer to the instructions supplied with the DVDs.

1 Press ⏏ **(OPEN/CLOSE)** on the unit or **OPEN/CLOSE** on the remote control.
The disc tray will open.

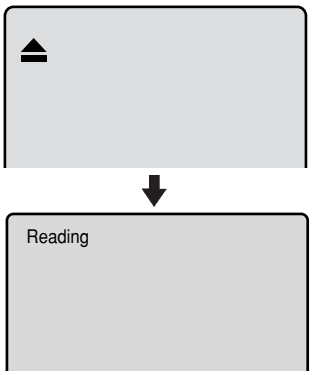


2 Place a disc onto the tray. Position it with the printed label side up, align it with the guides, and place it in its proper position.



3 Press **PLAY**.
The disc tray closes automatically.
On the TV-screen, "⏏" changes to "Reading" and then playback commences.

- A menu screen will appear on the TV screen, if the disc has a menu feature.



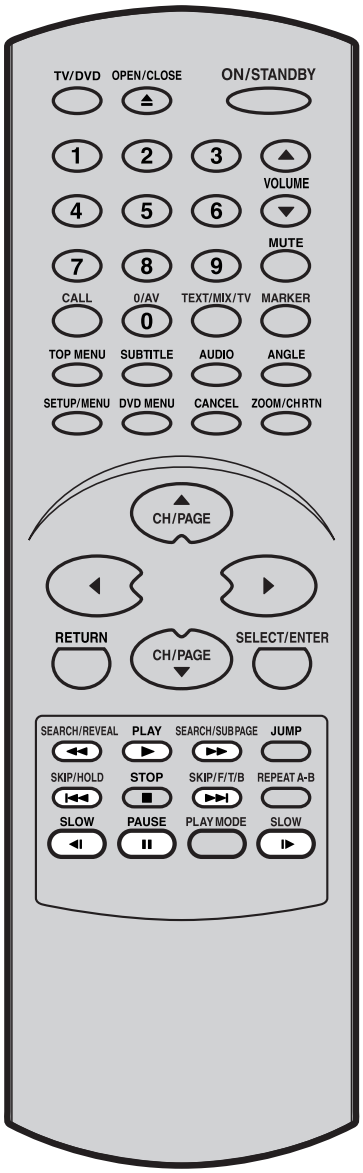
4 Press ▲/▼ or ◀/▶ to make a selection.

5 Press **ENTER**.
- Title is selected and play commences.

6 Press **STOP** to end playback.
- The unit memorizes the stopped point, depending on the disc. "⚑" appears on the screen. Press **PLAY** to resume playback (from the scene point).
- If you press **STOP** again or unload the disc ("■" appears on the screen.), the unit will clear the stopped point.

7 To stop the playback, press **STOP**.
Then press **OPEN/CLOSE**.
The disc tray opens.
Remove the disc and press **ON/STANDBY**.
The disc tray closes automatically and unit turns off.

Note: There may be a slight delay between when you press the button and the function activating.



NOTE:
The unit is capable of holding a still video image or On screen display image on your television screen indefinitely. If you leave the still video image or On screen display image displayed on your TV for an extended period of time, you risk permanent damage to your television screen. Projection televisions are very susceptible.

Fast Forward Playback

Press **SEARCH** ▶▶ during normal playback.

Each press of the **SEARCH** ▶▶ button will increase the speed of the search ▶▶ (x 2), ▶▶▶ (x 4), ▶▶▶▶ (x 8), ▶▶▶▶▶ (x 20). (CD: ▶▶ (x 2), ▶▶▶ (x 4), ▶▶▶▶ (x 8), ▶▶▶▶▶ (x 20))

• To resume normal playback, press **PLAY**.

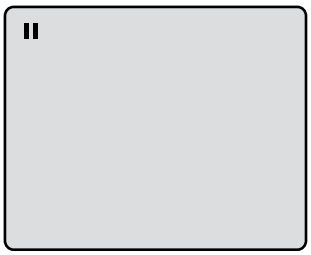
Review Playback

Press **SEARCH** ◀◀ during normal playback.
Each press of the **SEARCH** ◀◀ button will increase the speed of the search ◀◀ (x 2), ◀◀◀ (x 4), ◀◀◀◀ (x 8), ◀◀◀◀◀ (x 20). (CD: ◀◀ (x 2), ◀◀◀ (x 4), ◀◀◀◀ (x 8), ◀◀◀◀◀ (x 20))

• To resume normal playback, press **PLAY**.

Still Playback

Press **PAUSE** during normal playback to pause playback.



• To resume normal playback, press **PLAY**.

Frame Advance

Press **PAUSE** during still playback.
One frame is advanced each time you press **PAUSE**.

• To resume normal playback, press **PLAY**.

Slow-motion Playback

Press **SLOW** I▶/◀I during normal playback or still playback.
Each press of **SLOW** I▶/◀I will change the speed of the slow x1/2, x1/4, x1/6, x1/7.

• To resume normal playback, press **PLAY**.
• To resume the still playback, press **PAUSE**.
• Audio CD does not work in above operation.
• The Video CD cannot be played with Reverse slow.

Locating a chapter or track

Press **SKIP(▶▶I)** Forward or **SKIP(I◀◀)** Reverse during playback to locate a chapter or track that you want to watch.

• Press **SKIP(▶▶I)** briefly to select the next chapter/track.
• Press **SKIP(I◀◀)** briefly to return to the beginning of the current chapter/track.
• Press **SKIP(I◀◀)** twice in quick successions to select the previous chapter/track.

MP3/WMA/JPEG PLAYBACK

This player can play back the MP3/WMA/JPEG-data which has been recorded on CD-R or CD-RW. To produce the MP3/WMA/JPEG-data, you need a Windows-PC with CD-R/RW drive and a MP3/WMA/JPEG-encoding Software (not supplied).
The Apple-HFS-System cannot be played.

MP3/WMA/JPEG CD information

Limitations on MP3/WMA/JPEG CD playback

- MP3/WMA/JPEG CD is the disc that is standardized by ISO9660, its file name must include 3-digits extension letters, “mp3”, “wma”, “jpg”.
- The directory and file names of the MP3/WMA/JPEG CD must be correspond to the ISO standardized files.
- This unit can read 200 files per disc. If one directory has more than 200 files, it reads up to 200 files, the remaining files will be omitted.
- The unit is able to recognize up to a maximum of 50 directories per disc.
- MP3/WMA/JPEG CDs cannot be used for playback for the purpose of recording.
- If the CD has both audio tracks and MP3/WMA/JPEG files, only audio tracks are played.
- It may take more than one minute for this unit to read MP3/WMA/JPEG files depending on its structure.
- Music recorded by “Joliet Recording Specification” can be played back, the file name is displayed (within 16 letters) on the screen Long file names will be condensed.
- The music files recorded by “Hierarchical File System” (HFS) cannot be played.

Limitations on display

- The maximum number for display is 16 letters. Available letters for display are the following: capital or small alphabets of A through Z, numbers of 0 through 9, and _ (under score).
- Other letters than those above are replaced in hyphen.

Notes on MP3/WMA/JPEG files

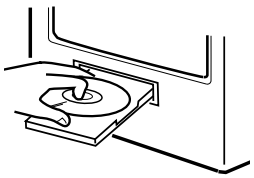
To play back MP3/WMA/JPEG CD in the recorded order,

1. Use MP3/WMA/JPEG software that records data alphabetically or numerically.
2. Name each file including two-digit or three-digit number (e.g. “01” “02” or “001” “002”).
3. Refrain from making too many sub-folders.

CAUTION:

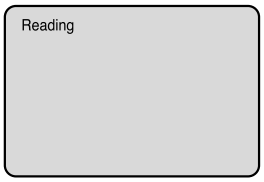
- Some MP3/WMA/JPEG CDs cannot be played back depending on the recording conditions.
- The CD-R/RW that has no music data or non-MP3/WMA/JPEG files can not be played back.

MP3/WMA/CD playback

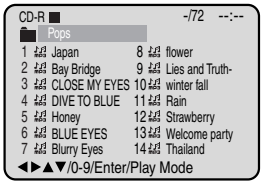


1 Press ⏏ **(OPEN/CLOSE)**.
The disc tray will open.
Place a disc on which MP3 or WMA files have been recorded onto the tray.

2 Press ⏏ **(OPEN/CLOSE)** or ► **(PLAY)**. The disc tray closes automatically. On the TV-screen, “Reading” will appear. Reading will take as much time as the number of file.

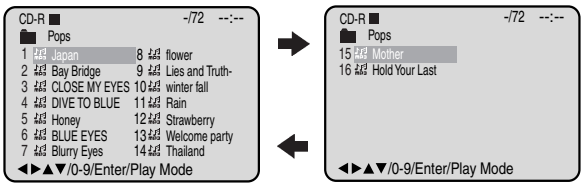


3 A file menu screen will appear on the TV screen.
Press ◄ / ► to select folder.



4 Press ▲/▼ or ◄/► or **Number keys** to select the desired file.

- In case the folder includes more than 15 files, press ◄ or ► to display next file list.



- When ► **(PLAY)** has been pressed after displaying the file menu, or when the disc tray has been closed after pressing ► **(PLAY)** in step 2, playback begins automatically starting from the first file. In this case, if the first file is an MP3/WMA file, only MP3/WMA files are played back in order. If the first file is a JPEG file, the first JPEG file is played back.

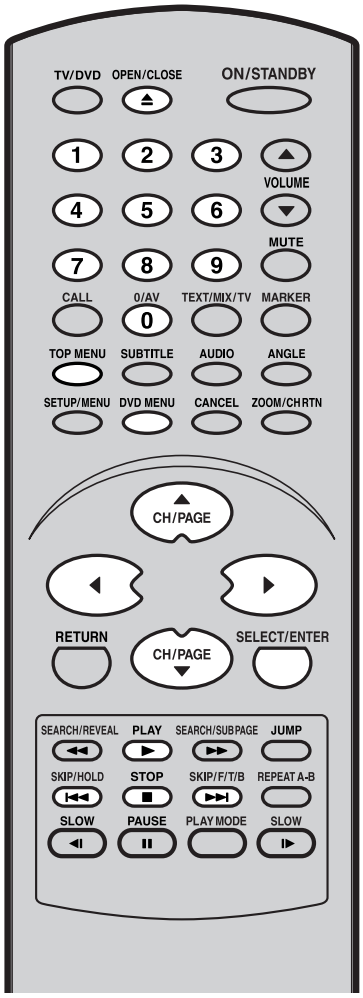
5 Press **ENTER**.
The selected file starts playing back.

6 Press ■ **(STOP)** to end playback.

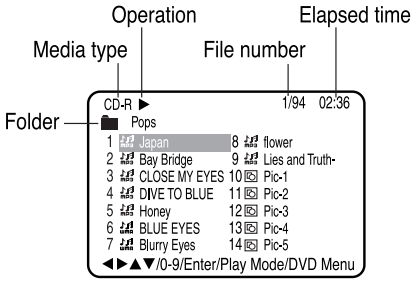
- The unit records the stopped point. “⚑” appears on the screen. Press ► **(PLAY)** to resume playback (from the scene point).
- If you press ■ **(STOP)** again or unload the disc, the unit will clear the stopped point.

NOTES:

- During MP3/WMA/JPEG-Playback, you cannot use SEARCH, A-B Repeat functions.
- You can use Repeat (Track or All), Random functions and Program playback for MP3/WMA/JPEG CD Playback (see pages 29 and 30).
- In the case of a CD containing a mixture of MP3, WMA and JPEG files, the files are played back by selecting them from the file menu.



About file menu



: Indicates MP3 file

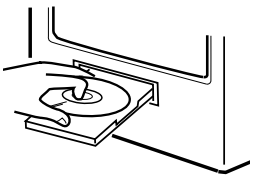
: Indicates WMA file

: Indicates JPEG file

NOTES:

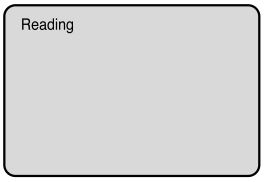
- The picture menu is displayed when the FUJICOLOR CD or the Kodak Picture CD are played. To display the file menu press **TOP MENU**.
- MP3 file on the KODAK Picture CD is not recognized on this unit.

JPEG CD playback

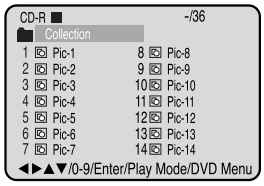


1 Press ▲ **(OPEN/CLOSE)**.
The disc tray will open.
Place a disc on which JPEG files have been recorded onto the tray.

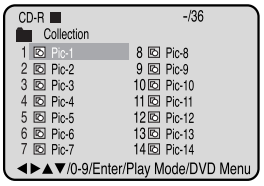
2 Press ▲ **(OPEN/CLOSE)** or ► **(PLAY)**. The disc tray closes automatically. On the TV-screen, "Reading" will appear. Reading will take as much time as the number of file.



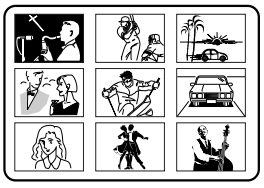
3 A file menu screen will appear on the TV screen.
Press ◄ / ► to select folder.



4 Press ▲/▼ or ◄/► or **Number keys** to select the desired file.

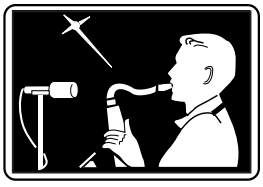


To display a picture menu, press **DVD MENU**. (To return to a file menu, press **TOP MENU**.)
Press ▲/▼ or ◄/► to select the desired file.



- To display next list, press **SKIP** ►►| / |◄◄.
- When ► **(PLAY)** has been pressed after displaying the file menu, or when the disc tray has been closed after pressing ► **(PLAY)** in step 2, playback begins automatically starting from the first file. In this case, if the first file is a JPEG file, the first JPEG file is played back. If the first file is an MP3/WMA file, only MP3/WMA files are played back in order.

5 Press **ENTER**.
The selected picture appears on the TV screen.



6 Press ■ **(STOP)** to end playback.
The file menu appears on the TV screen.
If you want to watch the other file, repeat steps 4-5.

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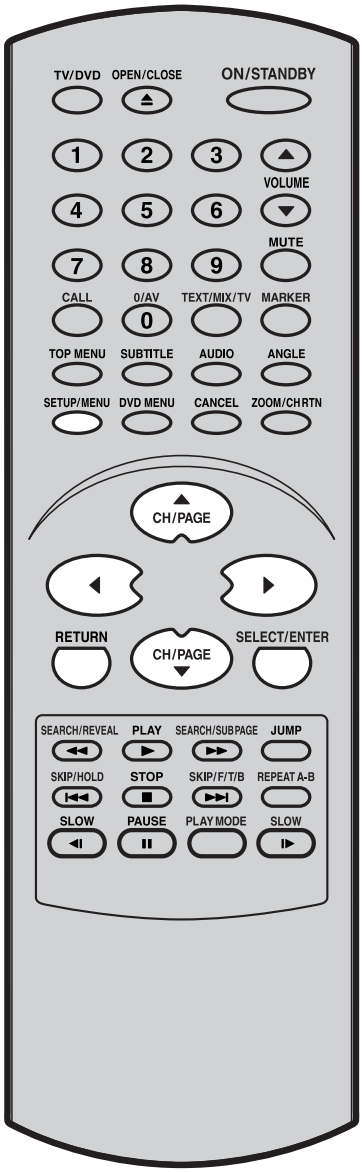
SETTING THE JPEG INTERVAL

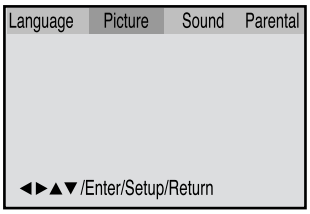


Setting the JPEG Interval

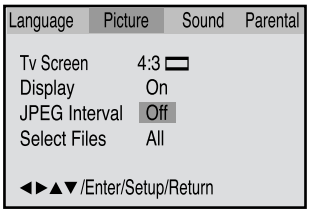
You can continuously play back all JPEG files automatically.

1 Press **SETUP** in the stop mode.

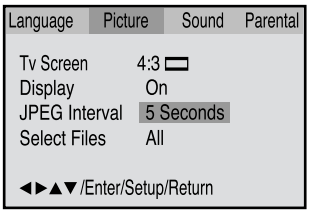
Press ◀ / ▶ to select "Picture", then press **ENTER**.



2 Press ▲ or ▼ to select "JPEG Interval".



3 Press **ENTER** or ◀ / ▶ to select your desired time.



Off:
Plays back one file at a time.

5 Seconds:
Plays back images in the form of a slide show at 5 second intervals.

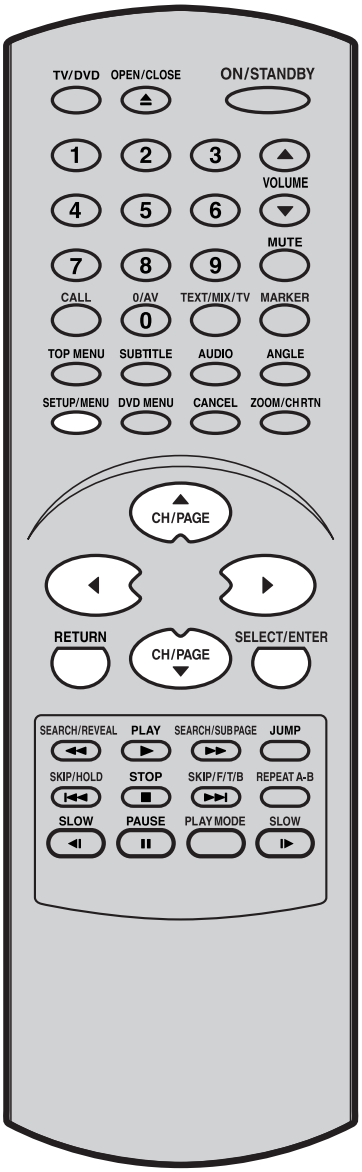
10 Seconds:
Plays back images in the form of a slide show at 10 second intervals.

15 Seconds:
Plays back images in the form of a slide show in 15 second intervals.

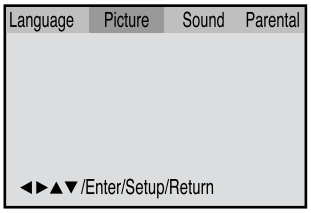
4 To make SETUP screen disappear, press **SETUP** or **RETURN**.

SETTING THE SELECT FILES

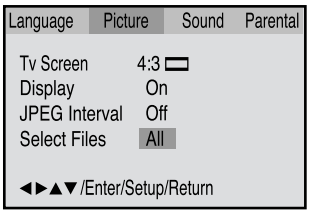
When playing back a CD containing a mixture of MP3 and JPEG files, only MP3 or JPEG files can be displayed on the file menu.



1 Press **SETUP** in the stop mode. Press ◀ / ▶ to select "Picture", then press **ENTER**.



2 Press ▲ or ▼ to select "Select Files".

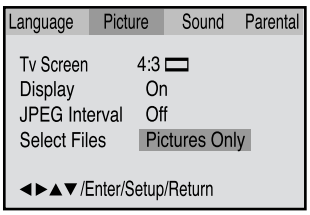


3 Press **ENTER** or ◀ / ▶ to select your desired file type.

All:
Displays all files.

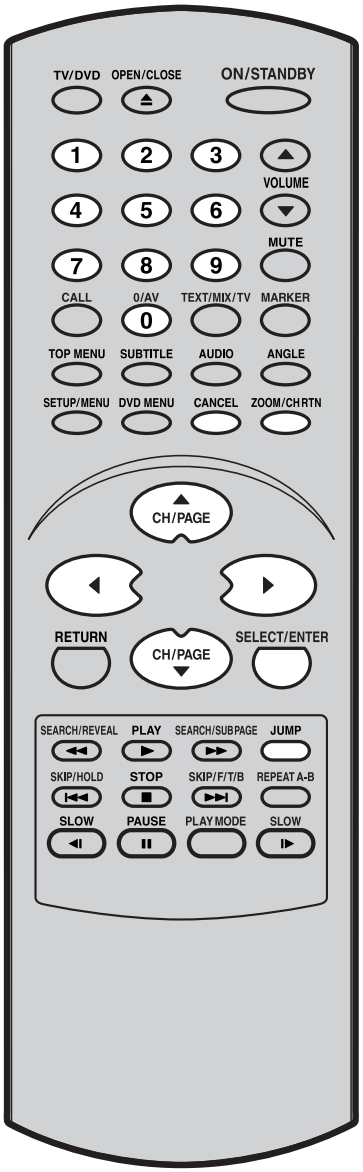
Music Only:
Displays only MP3 files.

Pictures Only:
Displays only JPEG files.



4 To make SETUP screen disappear, press **SETUP** or **RETURN**.

ZOOMING/LOCATING DESIRED SCENE



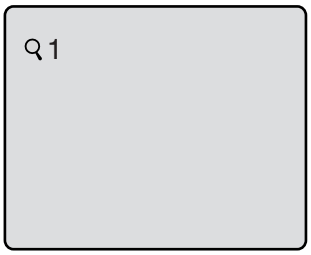
NOTES:

- You can select the Pause, Slow or Search playback in the zoom mode.
- Some discs may not respond to zoom fea ture.

Zooming

This unit will allow you to zoom in on the frame image. You can then make selections by switching the position of the frame.

1 Press **ZOOM** during playback.
The centre part of the image will be zoomed in.
Each press of **ZOOM** will change the ZOOM 🔍1 (Min.), 🔍2 (Medium) and 🔍3 (Max.).



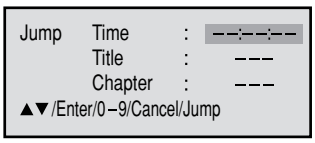
2 Press ▲/▼ or ◀/▶ to view a different part of the frame. You may move the frame from the centre position to UP, DOWN, LEFT or RIGHT direction.

3 In the zoom mode press **ZOOM** repeatedly to return to a 1:1 view (🔍 Off).

Locating Desired Scene

Use the title, chapter and time recorded on the disc to locate the desired point to play back.

1 Press **JUMP** during playback.



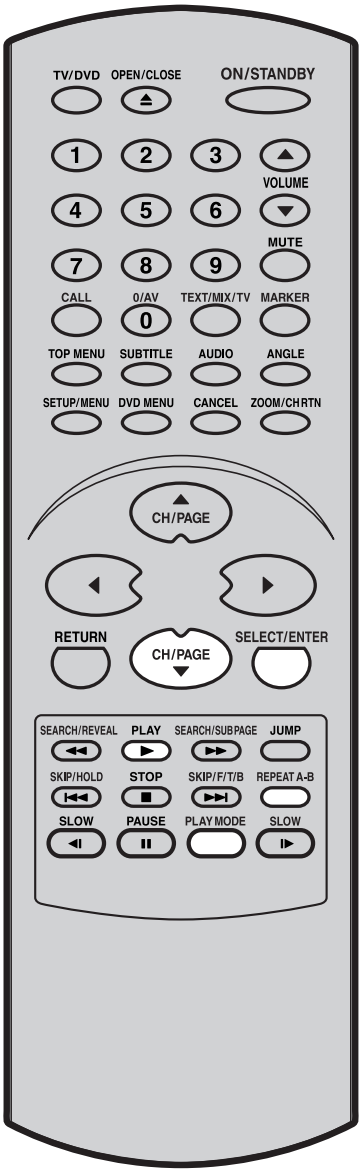
2 Press ▲ or ▼ to select the “Time”, “Title” or “Chapter”.

3 Press **Number buttons (0–9)** to input the number.

- If you input a wrong number, press **CANCEL**.
- Refer to the package supplied with the disc to check the numbers.

4 Press **ENTER**.

- Playback starts.
- When you change the title, playback starts from Chapter 1 of the selected title.
- Some discs may not work in the above operation.



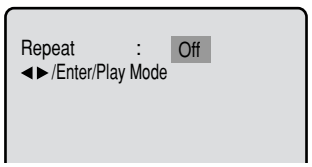
NOTES:

- Some discs may not work with the repeat operation.
- In A-B repeat mode, subtitles near point A or B may not appear.
- During the A-B Repeat Playback the ANGLE feature will not operate.
- You may not be able to set A-B Repeat, depending on the scenes of the DVD.
- A-B Repeat Playback does not work when Repeat Playback is activated.

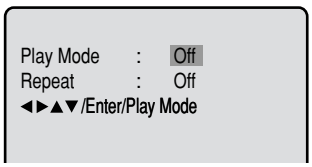
Title, Chapter, Track Playback

1 Press **PLAY MODE** during playback or stop mode.

DVD

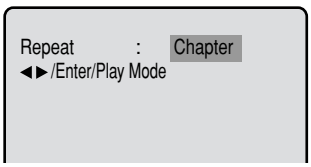


VCD/CD

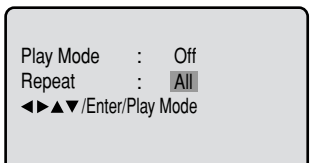


2 Press **ENTER** once or twice to select “Chapter” or “Title”.
In case of CD, at first press ▼ to select “Repeat” and then press **ENTER** once or twice to select “Track” or “All”.

DVD



VCD/CD



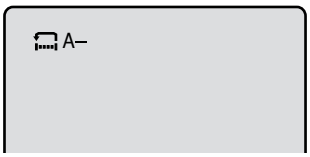
3 Press **PLAY MODE** again to make the screen disappear.

- Press **PLAY** to start Repeat playback.
- To resume normal playback, select Repeat Off.

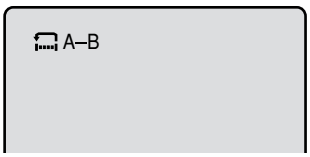
A-B Repeat Playback

A-B repeat playback allows you to repeat material between two selected points.

1 Press **REPEAT A-B** during playback.
The start point is selected.

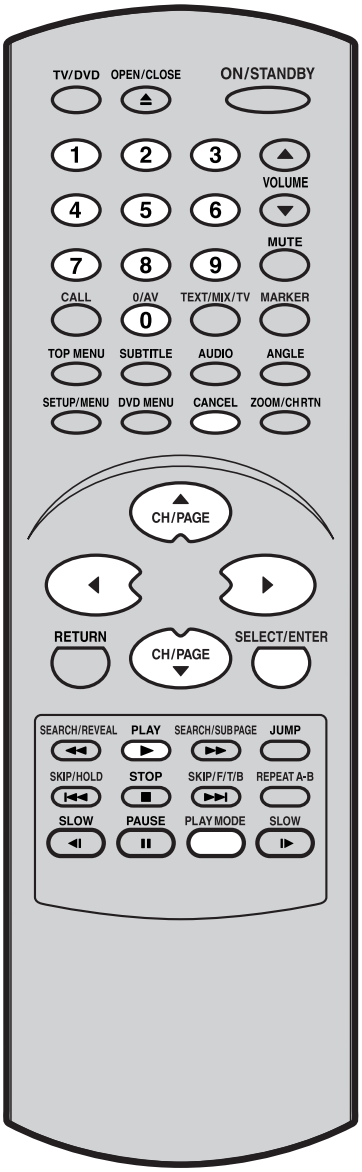


2 Press **REPEAT A-B** again.
The end point is selected. Playback starts at the point that you selected. Playback stops at the end point, returns to Point A automatically, then starts again.



To resume normal playback press **REPEAT A-B** again.
“ Off” appears on the screen.

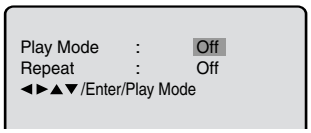
PROGRAM PLAYBACK/RANDOM PLAYBACK (VCD/CD)



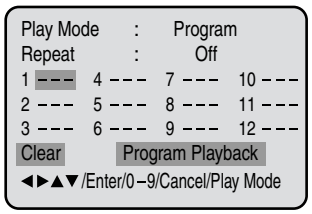
Program playback

You can arrange the order of tracks on the disc.

1 Press **PLAY MODE** in the stop mode.

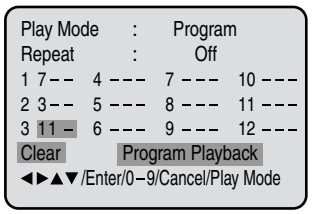


2 Press **ENTER** repeatedly until the program table shown at right appears.

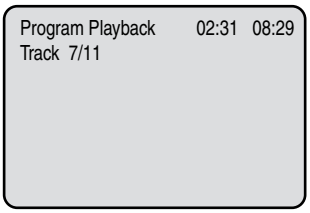


3 **Example:** In case you wish to program in order of 7, 3, 11:
Enter as **7** ▼, **3** ▼, **11**.

If you input a wrong number, press **CANCEL**.

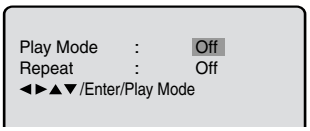


4 Press ▲/▼ or ◄/► to select "Program Playback" and press **ENTER**. "Program Playback" will appear on the screen. The program you selected will begin to playback in the order set.
To return to normal playback, select "Play Mode: Off" at step **2** above.

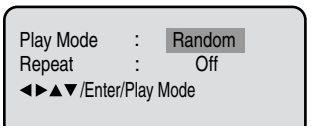


Random playback

1 Press **PLAY MODE** during playback or stop mode.



2 Press ◄/► or **ENTER** to select "Random".



3 Press **PLAY**.
"Random Play" will appear on the screen and Random Playback will start.

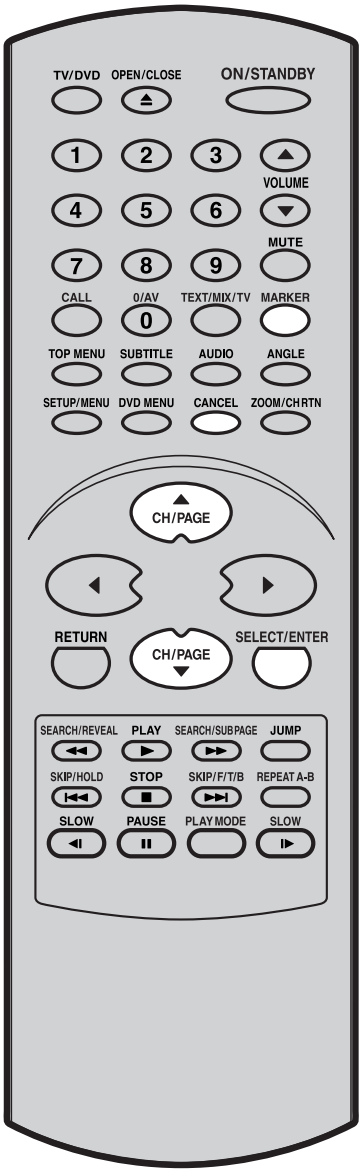
- During playback mode, you need to press "PLAYMODE" instead of "PLAY".

NOTES:

- To cancel program play, select "Clear" at step **4** and press **ENTER**.
- The program is cancelled when you open the disc tray or turn the power off.
- Random playback can not be combined with Repeat playback.

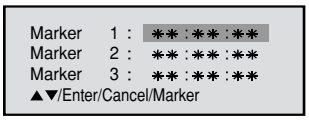
MARKING DESIRED SCENES

The unit stores the points that you want to watch again. You can resume playback from that scene.

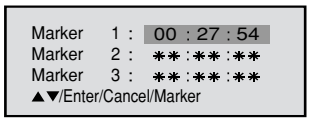


Marking the Scenes

1 Press **MARKER** during playback.



2 Select the blank Marker using ▲/▼, then press **ENTER** at the desired scene.

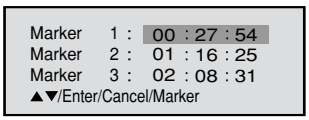


- Up to 3 scenes can be selected.
- Repeat this procedure to set the other 2 scenes.

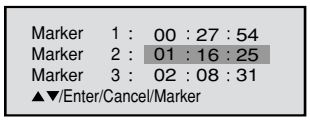
3 Press **MARKER** to remove this display.

Returning to the Scenes

1 Press **MARKER** during playback or stop mode.



2 Press ▲ or ▼ to select the Marker 1-3.



3 Press **ENTER**.
Playback starts from the marked scene.

To Cancel the Mark

1 Press **MARKER**.

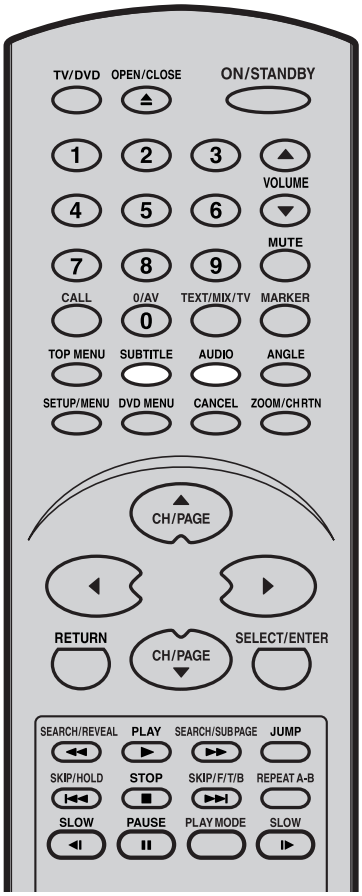
2 Press ▲ or ▼ to select the Marker 1-3.

3 Press **CANCEL**.
Press **MARKER** to remove the display.

NOTES:

- The marking is cancelled when you open the disc tray or turn the power off.
- Some subtitles recorded around the marker may fail to appear.

CHANGING SOUNDTRACK LANGUAGE/SUBTITLES



NOTES:

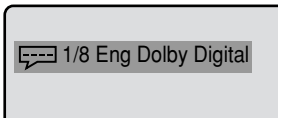
- If the desired language is not heard after pressing **AUDIO** several times, the language is not recorded on the disc.
- Changing soundtrack language is cancelled when you open the disc tray. The initial default language or available language will be heard if the disc is played back again.
- Changing subtitle language is cancelled when you open the disc tray.
- Some functions may not work on some DVDs. You may not be able to turn subtitles on or off or change subtitles. While playing the DVD, the subtitle may change when:
  - you open or close the disc tray
  - you change the title.
- In some cases, the subtitle language is not changed to the selected one immediately.

Changing soundtrack language

You can select the language when you play a multilingual disc.

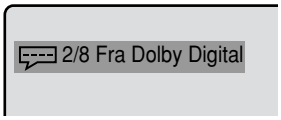
1 Press **AUDIO** during playback.

The current soundtrack language will appear.



2 Press **AUDIO** repeatedly until the desired language is selected.

The on-screen display will disappear after a few seconds.



In case of video CD playback

Audio type changes as follows each time you press **AUDIO**.

Subtitles

Turning the Subtitles On and Off

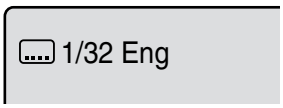
When playing back a disc recorded with subtitles, you can turn the subtitles on or off.

Press **SUBTITLE** during playback until “Off” appears.

Changing the subtitle language

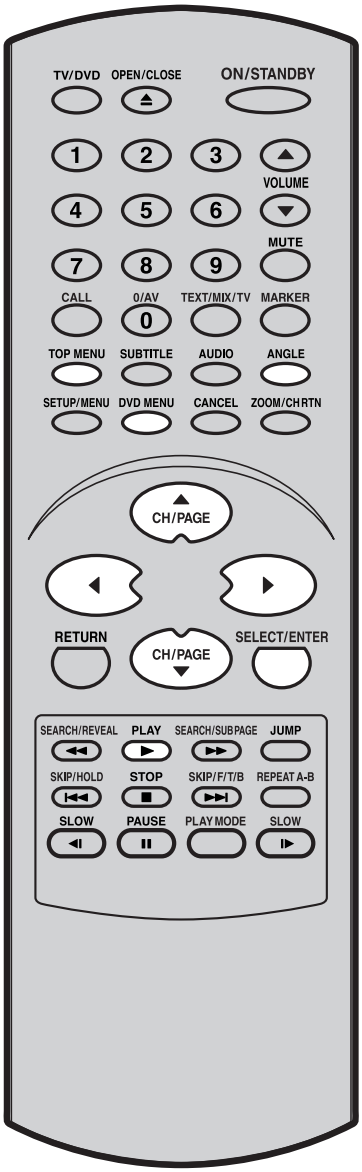
You can select the language when playing back a disc recorded with multi-lingual subtitles.

1 Press **SUBTITLE** repeatedly during playback until your desired language appears.



2 The on-screen display will disappear after a few seconds.

CHANGING ANGLES/TITLE SELECTION/DVD MENU

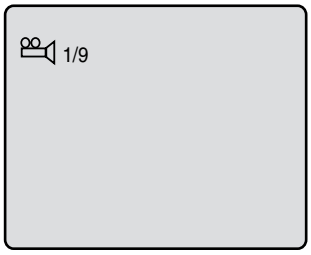


Changing Angles

When playing back a disc recorded with multi-angle facility, you can change the view angle.

1 Press **ANGLE** during playback.

The current angle will appear.



2 Press **ANGLE** repeatedly until the desired angle is selected.

Title Selection

Two or more titles are recorded on some discs. If the title menu is recorded on the disc, you can select the desired title.

1 Press **TOP MENU** during playback.
Title menu appears on the screen.

2 Press ▲/▼ or ◀/▶ to select the desired title.

3 Press **ENTER** or **PLAY**.
The playback of the selected title will start.

DVD Menu

Some DVDs allow you to select the disc contents using the menu.
When you play back these DVDs, you can select the subtitle language and soundtrack language, etc. using the DVD menu.

1 Press **DVD MENU** during playback.
The DVD menu appears on the screen.

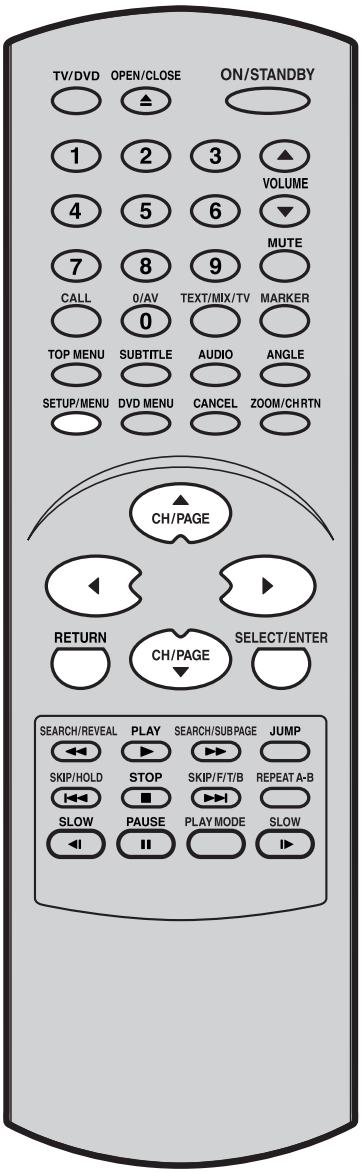
- Press **DVD MENU** again to resume playback at the scene when you pressed **DVD MENU**.

2 Press ▲/▼ or ◀/▶ to select the desired item.

3 Press **ENTER**.
The menu continues to another screen. Repeat steps **2** and **3** to set additional items if any.

NOTES:

- Depending on the DVD, you may not be able to change the angles even if multi-angles are recorded on the DVD.
- Depending on the DVD, you may not be able to select the title. Depending on the DVD, a “title menu” may simply be called a “menu” or “title” in the instructions supplied with the disc.
- Depending on the DVD, you may not be able to resume playback from the scene point when you pressed **DVD MENU**.

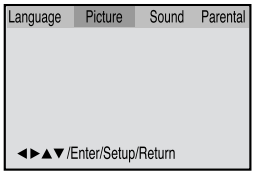


NOTE:
It is not always possible for the DVD disc to display the picture as per your preferred picture setting - for example, if you select "4:3 Panscan", the disc may not offer this option. In this case the picture would display in whichever format the disc is capable of playing back.

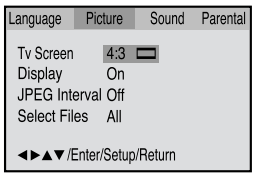
Setting the aspect ratio of TV screen

You can select the aspect ratio of the picture.

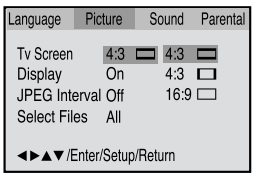
1 Press **SETUP** in the stop mode.
Press ◀ or ▶ to select "Picture".



2 Press ▼ or **ENTER**, then press ▲ or ▼ to select "Tv Screen".



3 Press ▶ or **ENTER**.
Press ▲ or ▼ to select your desired screen type, then press **ENTER**.



You have the following screen sizes to choose from:

4:3 ▭ Letterbox
When playing back a wide screen-DVD disc, it displays the wide picture with black bands at the top and bottom of screen.

4:3 ▭ Panscan
It displays the wide picture on the whole screen with left and right edges automatically cut off.

16:9 ▭ Wide screen
A wide screen picture is displayed full size, although the image on the screen may be geometrically distorted in this mode because the TV screen has an aspect ratio of 4:3 not 16:9. However it is possible to connect this set to an external widescreen (16:9) TV set via the SCART socket (see P.8).

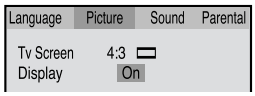
4 Press **SETUP** or **RETURN** to remove the Menu screen.

Setting on screen display

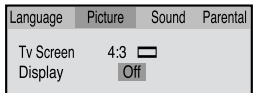
On screen display can be switched on or off when you press the DISPLAY button.

1 Press **SETUP** in the stop mode or No Disc.
Press ◀ or ▶ to select "Picture".

2 Press ▼ or **ENTER**, then press ▲ or ▼ to select "Display".



3 Press ▶ or **ENTER** to select "On" or "Off".

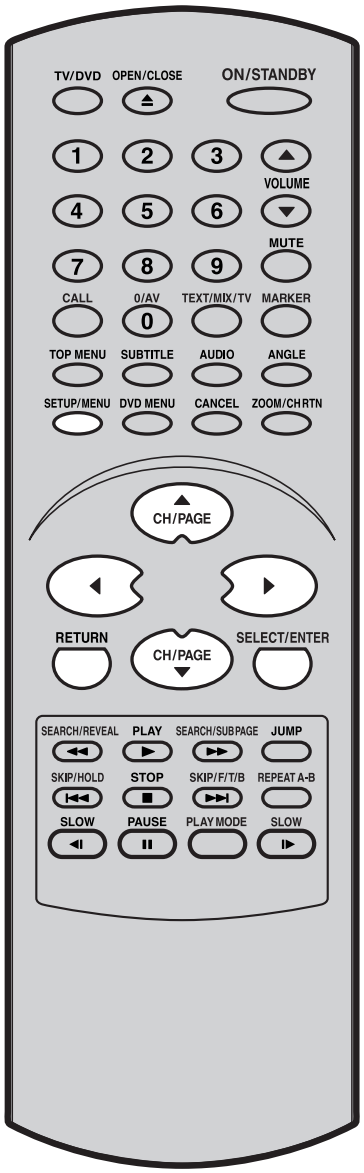


On: On screen displays appear when you press the buttons (factory setting).
Off: On screen displays do not appear when you press any buttons except **SETUP**, **JUMP**, **PLAY MODE**, **MARKER** and **CALL**.

4 Press **SETUP** or **RETURN** to remove the Menu screen.

DYNAMIC RANGE CONTROL

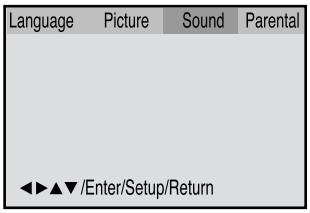
DRC (Dynamic Range Control) enables you to control the dynamic range so as to achieve a suitable sound for your equipment.



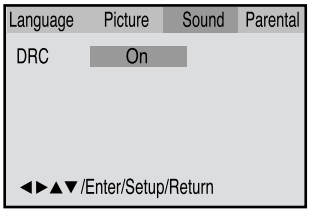
NOTES:

- This function works only during playback of Dolby Digital recorded discs.
- The level of Dynamic Range Reduction may differ depending on DVD video disc.

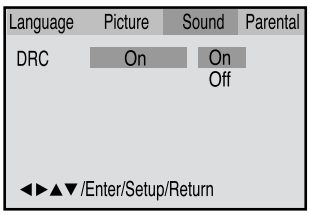
1 Press **SETUP** in the stop mode or No Disc.
Press ◀ or ▶ to select "Sound".



2 Press ▼ or **ENTER** to select "DRC".



3 Press ▶ or **ENTER**, then press ▲ or ▼ to select desired setting.

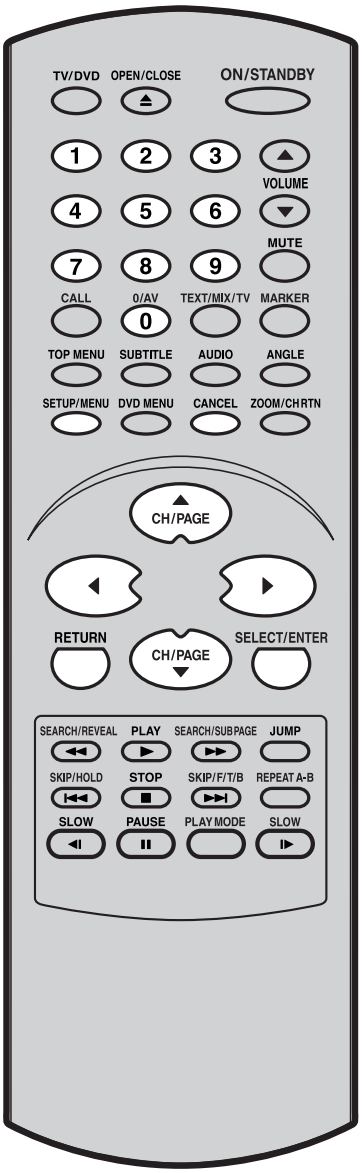


Off (Max) : Full dynamic range is increased.
On (Std) : Full dynamic range is maintained.

4 Press **SETUP** or **RETURN** to remove the Menu screen.

PARENTAL CONTROL SETTING

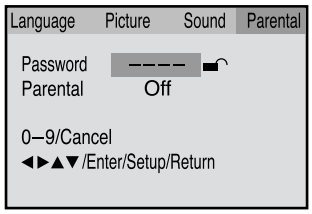
Some discs are specified not suitable for children. Such discs can be limited not to play back with the unit.



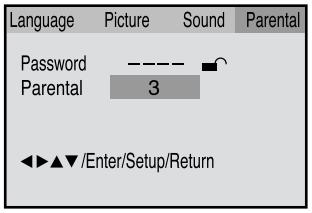
NOTES:

- **If each setup (P.26, 27, 34~37, 39~41) has been completed, the unit can always be worked under the same conditions (especially with DVD discs). Each setup will be retained in the memory when you turn the power off.**
- Depending on the discs, the unit cannot limit playback.
- Some discs may not be encoded with specific rating level information though its disc jacket says “adult”. For those discs, the age restriction will not work.

1 Press **SETUP** in the stop mode or No Disc.
Press ◀ or ▶ to select “Parental”. Then press ▼ or **ENTER**.

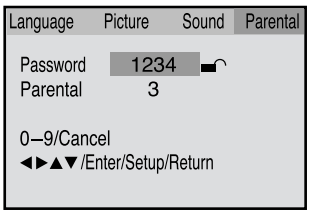


2 Press ▲ or ▼ to select “Parental”, then press ◀ or ▶ until the level you require appears.

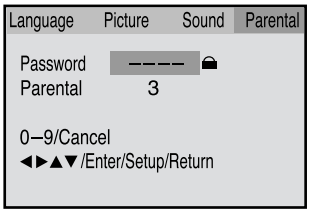


- **Level Off :** The parental control setting does not function.
- **Level 8 :** Virtually all DVD software can be played back.
- **Level 1 :** DVD software for adults cannot be played back.
- Select from level 1 to level 8. The limitation will be more severe as the level number decreases.

3 Press ▲ or ▼ to select “Password”.
Press **Number buttons (0-9)** to input a 4-digit password. Be sure to remember this number!
- If you input a wrong number, press **CANCEL**.

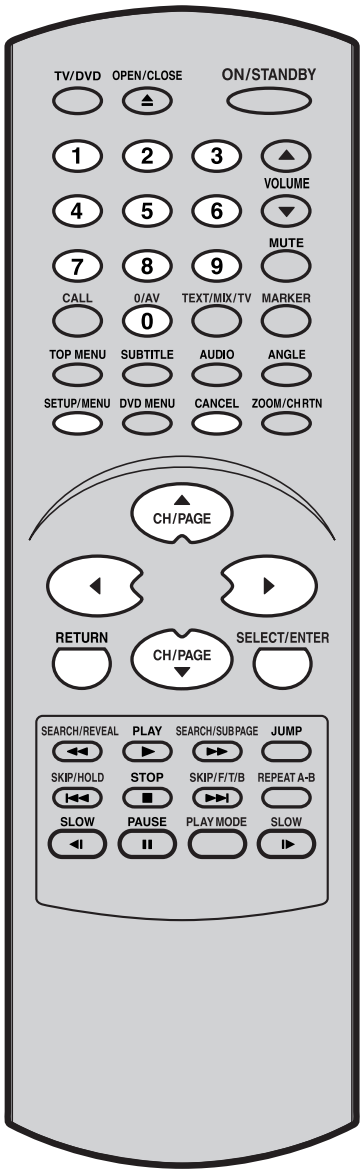


4 Press **ENTER** to store the password.
NOTE: Now the rating is locked and the setting cannot be changed unless you enter the correct password.



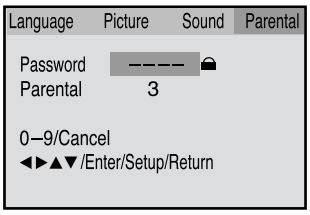
5 Press **SETUP** or **RETURN** to remove the Menu screen.

TO CHANGE THE PARENTAL LEVEL

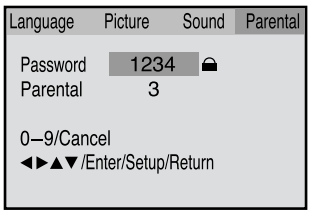


NOTE:
Do not forget the password. If you forget the password, contact the dealer that you purchased the unit from.

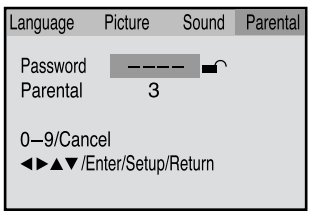
1 Press **SETUP** in the stop mode or No Disc.
Press ◀ or ▶ to select "Parental". Then press ▼ or **ENTER**.



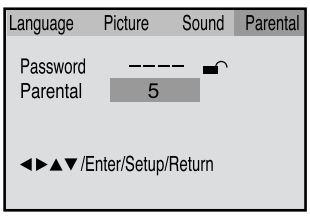
2 Press **Number buttons (0-9)** to enter the password you have stored.
• If you input a wrong number, press **CANCEL**.



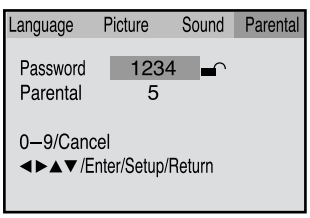
3 Press **ENTER**.
The rating is now unlocked.



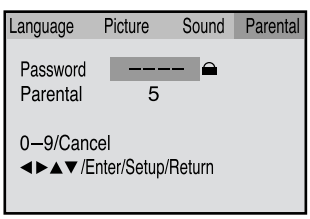
4 Press ▲ or ▼ to select "Parental", then press ◀ or ▶ to change the parental level.



5 Press ▲ or ▼ to select "Password", then press **Number buttons (0-9)** to enter the password.
NOTE: You can change the password at this time if you want.



6 Press **ENTER**.
The parental level is changed and locked.

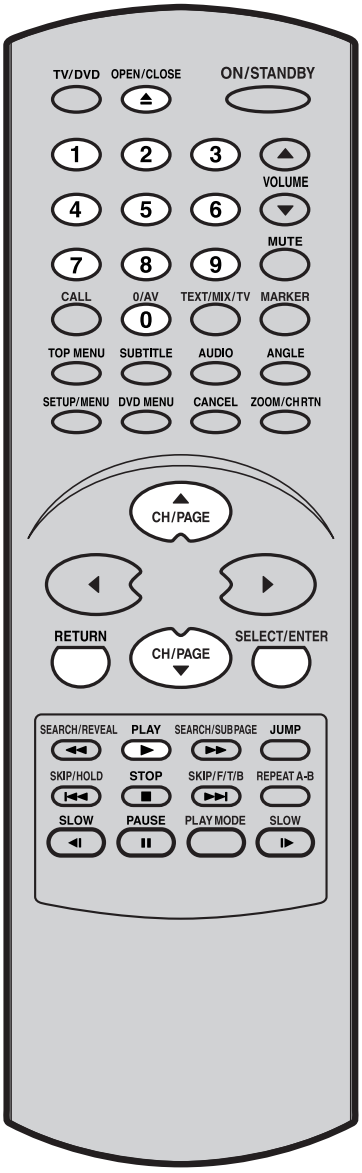


7 Press **SETUP** or **RETURN** to remove the Menu screen.

8 Press ⏏ **(OPEN/CLOSE)** to activate parental level setting (see TEMPORARY DISABLING OF RATING LEVEL BY DVD DISC on page 38).

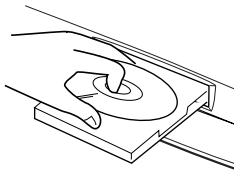
TEMPORARY DISABLING OF RATING LEVEL BY DVD DISC

Depending on the DVD disc, the disc may try to temporarily cancel the rating level that you have set.
It is up to you to decide whether to cancel the rating level or not.

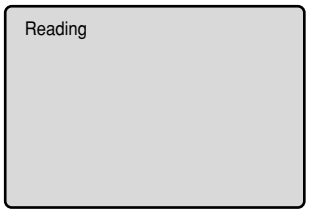


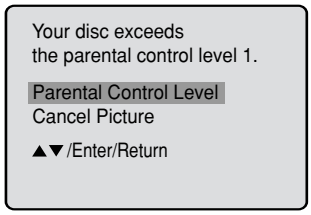
NOTE:
This temporary cancellation of rating level will be kept until the disc is ejected. When the disc is ejected, the original rating level will be set again automatically.

1 Load a DVD disc and press **PLAY** or **OPEN/CLOSE** (see page 22).



2 If the DVD disc has been designed to temporarily cancel the Rating level, the screen which follows the "Reading" screen will change, depending on which disc is played. If you select "YES" with **ENTER** key, "Your disc exceeds the parental control level 1." (e.g.) screen will then appear.

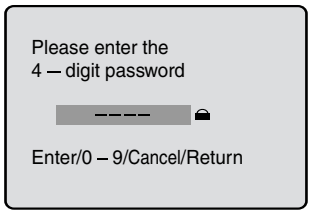




3 If you wish to cancel the set rating level temporarily, select "Parental Control Level" with ▲ or ▼, then press **ENTER**. If the 4-digits password at step **3** on page 36 has been set, the password entering screen will appear as shown in step **4** below.
Alternatively, if the password has not been set, playback will commence. If you don't know (or have forgotten) the password, select "Cancel Picture".
The setting screen will disappear. Press **OPEN/CLOSE** to remove the disc.

4 Enter the password with **Number buttons (0-9)**.
Then press **ENTER**.

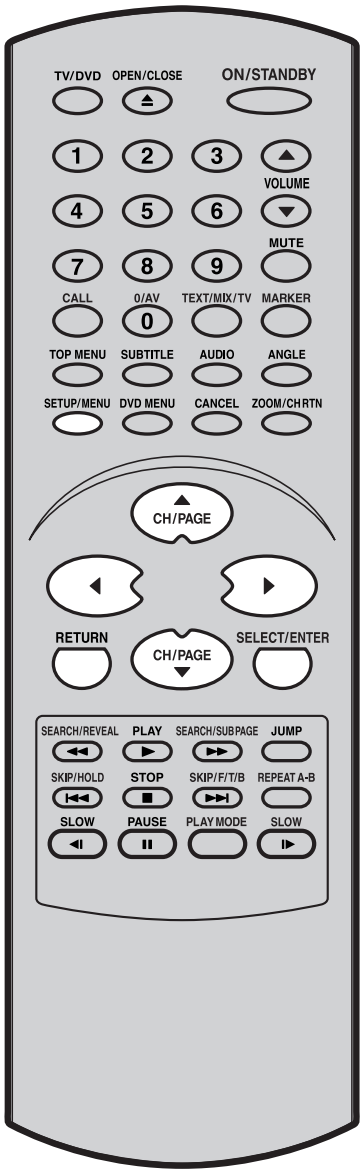
If you interrupt the entering, press **RETURN**.



5 Playback will commence if the entered password was correct.

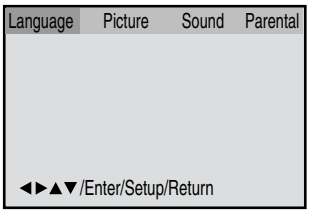
SETTING MENU LANGUAGE

You can select the language of the disc menu messages of DVDs.

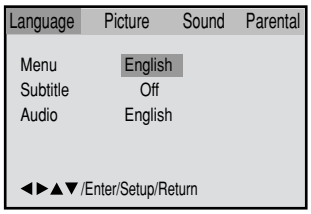


NOTE:
If the selected language is not recorded on the disc, the default language of the disc will be displayed.

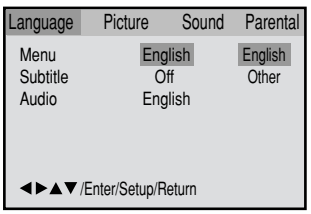
1 Press **SETUP** in the stop mode. Press ◀ or ▶ to select "Language".



2 Press ▼ or **ENTER**.
Then press ▲ or ▼ to select "Menu".



3 Press ▶ or **ENTER**.
Press ▲ or ▼ to select your desired language, then press **ENTER**.



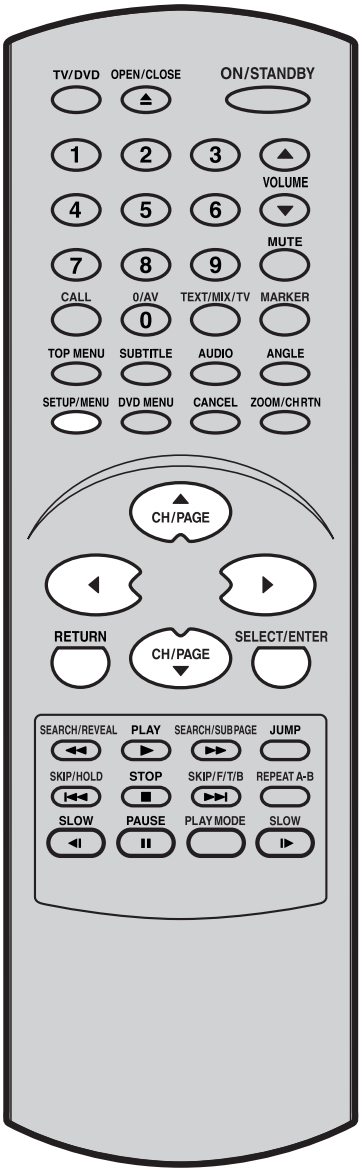
English:
This language is the default Menu language.

Other:
Other languages can be selected (See the Language code list on page 42).

4 Press **SETUP** or **RETURN** to remove the Menu screen.

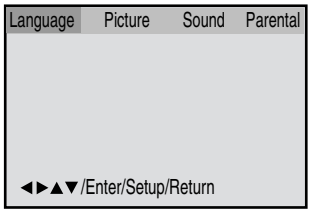
SETTING SUBTITLE LANGUAGE

The same subtitle language can always be selected even if you replace the disc or turn the power off.

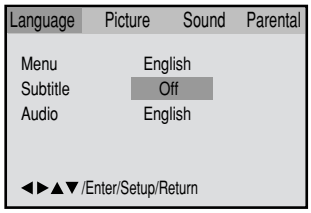


NOTE:
If the selected language is not recorded on the disc, the first priority language is selected.

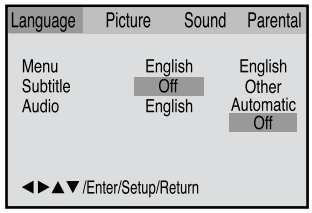
1 Press **SETUP** in the stop mode. Press ◀ or ▶ to select "Language"



2 Press ▼ or **ENTER**.
Then press ▲ or ▼ to select "Subtitle".



3 Press ▶ or **ENTER**.
Press ▲ or ▼ to select your desired language, then press **ENTER**.



English:
The subtitle is displayed with the selected language if it is recorded on the disc.

Other:
If you want to select another language, enter the language code (See the Language code list on page 42).

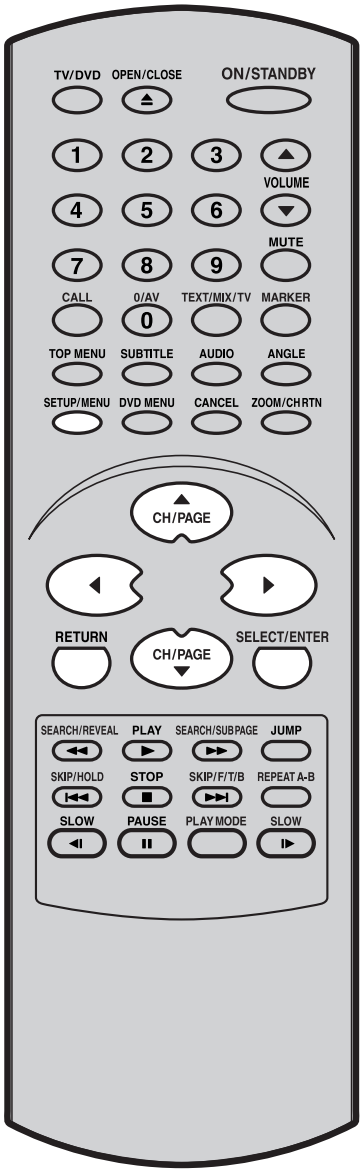
Automatic:
- The unit will automatically select the same language in the AUDIO setting.
- When the unit selects the same language as the AUDIO, the subtitles will not appear during playback.
- When you do not use the same language as the AUDIO, the subtitles will appear during playback.

Off:
Subtitles do not appear.

4 Press **SETUP** or **RETURN** to remove the Menu screen.

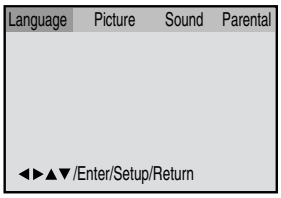
SETTING AUDIO SOUNDTRACK LANGUAGE

The same audio soundtrack language can always be selected by your unit even if you replace the disc or turn the power off.

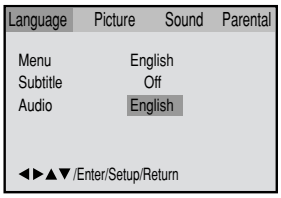


NOTE:
If the selected language is not recorded on the disc, the original language will be heard.

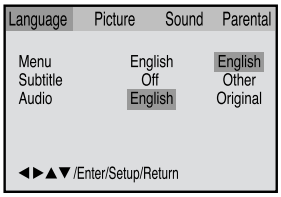
1 Press **SETUP** in the stop mode.
Press ◀ or ▶ to select "Language".



2 Press ▼ or **ENTER**.
Then press ▲ or ▼ to select "Audio".



3 Press ▶ or **ENTER**.
Press ▲ or ▼ to select your desired Audio Language, then press **ENTER**.



English:
The language you have selected will play if it is recorded on the disc.

Other:
If you want to select another language, enter the language code (See the Language code list on page 42).

Original:
The unit will select the first priority language of each disc.

4 Press **SETUP** or **RETURN** to remove the Menu screen.

LANGUAGE CODE LIST

Enter the appropriate code number for the initial settings "AUDIO", "SUBTITLE" and/or "MENU LANGUAGE" (see pages 39~41).

Language	Name Code	Language	Name Code	Language	Name Code	Language	Name Code
Abkhazian	1112	Fiji	1620	Lingala	2224	Singhalese	2919
Afar	1111	Finnish	1619	Lithuanian	2230	Slovak	2921
Afrikaans	1116	French	1628	Macedonian	2321	Slovenian	2922
Albanian	2927	Frisian	1635	Malagasy	2317	Somali	2925
Amharic	1123	Galician	1722	Malay	2329	Spanish	1529
Arabic	1128	Georgian	2111	Malayalam	2322	Sundanese	2931
Armenian	1835	German	1415	Maltese	2330	Swahili	2933
Assamese	1129	Greek	1522	Maori	2319	Swedish	2932
Aymara	1135	Greenlandic	2122	Marathi	2328	Tagalog	3022
Azerbaijani	1136	Guarani	1724	Moldavian	2325	Tajik	3017
Bashkir	1211	Gujarati	1731	Mongolian	2324	Tamil	3011
Basque	1531	Hausa	1811	Nauru	2411	Tatar	3030
Bengali; Bangla	1224	Hebrew	1933	Nepali	2415	Telugu	3015
Bhutani	1436	Hindi	1819	Norwegian	2425	Thai	3018
Bihari	1218	Hungarian	1831	Oriya	2528	Tibetan	1225
Breton	1228	Icelandic	1929	Panjabi	2611	Tigrinya	3019
Bulgarian	1217	Indonesian	1924	Pashto, Pushto	2629	Tonga	3025
Burmese	2335	Interlingua	1911	Persian	1611	Turkish	3028
Byelorussian	1215	Irish	1711	Polish	2622	Turkmen	3021
Cambodian	2123	Italian	1930	Portuguese	2630	Twi	3033
Catalan	1311	Japanese	2011	Quechua	2731	Ukrainian	3121
Chinese	3618	Javanese	2033	Rhaeto-Romance	2823	Urdu	3128
Corsican	1325	Kannada	2124	Romanian	2825	Uzbek	3136
Croatian	1828	Kashmiri	2129	Russian	2831	Vietnamese	3219
Czech	1329	Kazakh	2121	Samoan	2923	Volapük	3225
Danish	1411	Kirghiz	2135	Sanskrit	2911	Welsh	1335
Dutch	2422	Korean	2125	Scots Gaelic	1714	Wolof	3325
English	1524	Kurdish	2131	Serbian	2928	Xhosa	3418
Esperanto	1525	Laothian	2225	Serbo-Croatian	2918	Yiddish	2019
Estonian	1530	Latin	2211	Shona	2924	Yoruba	3525
Faroese	1625	Latvian, Lettish	2232	Sindhi	2914	Zulu	3631

If your unit does not work properly check the following before calling a service engineer.

SYMPTOMS	CAUSE	SOLUTION	PAGE
POWER			
No power.	The Mains lead is not connected.	Connect Mains lead to AC outlet.	3
	ON/STANDBY button is OFF.	Set it to ON.	9
TV BROADCAST RECEPTION			
No picture, no sound.	The Mains lead is disconnected.	Connect the Mains lead to the AC outlet.	3
	Aerial connector is not connected or wires are broken.	Check aerial connections or broken wires.	6
	ON/STANDBY button is off.	Press the ON/STANDBY button.	9
	Possibly station trouble.	Try another channel.	13
Sound OK, poor picture.	Possibly station trouble.	Try another channel.	13
	Aerial connector is not connected or wires are broken.	Check aerial connections or broken wires.	6
	Possibly local interference.	Move the aerial away from the source of interference.	17
Picture OK, poor sound.	Possibly station trouble.	Try another channel.	13
	Possibly local interference.	Move the aerial away from the source of interference.	17
	Volume control set at minimum position.	Increase VOLUME control.	13
Poor reception.	Aerial connector is not connected or wires are broken.	Check aerial connections or broken wires.	6
	Possibly station trouble.	Try another channel.	13
Poor colour or no colour.	Aerial connector is not connected or wires are broken.	Check aerial connections or broken wires.	6
	Possibly station trouble.	Try another channel.	13
	Possibly local interference.	Move the aerial away from the source of interference.	17
	Colour control is not adjusted.	Adjust the colour settings.	15
DVD			
The playback picture has occasional distortion.	The disc is dirty.	Eject the disc and clean it.	20
	It is in fast forward or fast reverse playback.	Some times a small amount of picture distortion may appear. This is not a malfunction.	–
The unit does not start playback.	No disc is inserted.	Insert a disc.	22
	An unplayable disc is inserted.	Insert a playable disc (Check the disc type and colour system).	20
	The disc is placed upside down.	Place the disc with the playback side down.	22
	The disc is not placed within the guide.	Place the disc correctly inside the guide on the disc tray.	22
	The disc is dirty.	Clean the disc.	20
	The parental lock function is set.	Cancel the parental lock function or change the parental lock level.	36,37
Playback does not follow the course of the disc's program.	It is in the mode of repeat playback, memory playback, etc.	These operations may prevent a proper progress of the contents.	–
✋ appears on the screen.	The function is prohibited with the unit or the disc.	–	–
REMOTE CONTROL			
Remote control does not work.	It is not aimed at the remote sensor.	Aim it at the remote control sensor.	5
	Distance too far or there is too much light in the room.	Operate within 5 metres and reduce the light of the room.	5
	Obstacle in the path of beam.	Clear the path of the beam.	5
	Batteries are weak.	Replace batteries.	5
	Polarities of the batteries, + or –, are not inserted correctly.	Install batteries correctly.	5

NOTE: In the case that the scart input of the unit is connected to AV1 scart of a recordable equipment such as a VTR, DVD+VTR, DVD-R etc and when the input of the recordable equipment is also selected to AV1, there maybe some white flashing lines on the screen and a high pitch sound may also be heard. This is due to the feedback loop of the connections to the unit and it is not a defect of the unit.

SPECIFICATIONS

TELEVISION

Picture Tube:	15" (36 cm "V") measured diagonally 90 degree deflection
Television System:	UK 625 Lines 50 Fields PAL I
Tuner:	Electronic Tuner
Receiving Channels:	UHF: 21 - 69
Aerial Input:	UHF 75 ohm unbalanced
Audio Output Power:	1.5 W+1.5 W (max)
Speaker:	(3.8 x 6.9 cm 8 ohm) x 2

DVD

Signal system:	PAL
Applicable disc:	DVD (12 cm, 8 cm), CD (12 cm, 8 cm)
Frequency response:	DVD: 4Hz - 22KHz CD: 4Hz - 20KHz
S/N Ratio:	90 dB
Harmonic distortion:	0.06%
Wow and flutter:	Below Measurable Level
Dynamic range:	90 dB
Output:	Audio : (RCA) –12.0 dBm, 1K ohm Digital Audio : 0.5 Vp-p/75 ohm
Pickup:	CD : Wavelength: 775 - 805 nm Maximum output power: 0.5 mW DVD : Wavelength: 640 - 660 nm Maximum output power: 1.0 mW

GENERAL

Power Source:	AC 230V~240V, 50Hz
Power Consumption:	65 W
Weight:	13.5 kg
Dimensions:	440 (W) x 393 (H) x 386 (D) mm
Operating Temperature:	5°C to 40°C

REMOTE CONTROL UNIT

Power Supply:	DC 3V (Two batteries, AAA/ R03/ UM-4)

ACCESSORIES

1 Remote Control
2 Batteries (AAA/R03/UM-4)
1 Loop Aerial

Weight and Dimensions are approximate. Because we continually strive to improve our products we may change specifications and designs without prior notice.

* **Exemptions**
- Toshiba is not liable for any damage caused by fires, natural disaster (such as thunder, earthquake, etc.), acts by third parties, accidents, owner's misuse, or uses in other improper conditions.
- Toshiba is not liable for incidental damages (such as profit loss or interruption in business, modification or erasure of record data, etc.) caused by use or inability to use of product.
- Toshiba is not liable for any damage caused by neglect of the instructions described in the owner's manual.
- Toshiba is not liable for any damage caused by misuse or malfunction through simultaneous use of this product and the connected equipment.

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